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SWEET CORN

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U.S. Department of Agriculture

Bolgiano's

New Catalog
of
Capitol City
Seeds

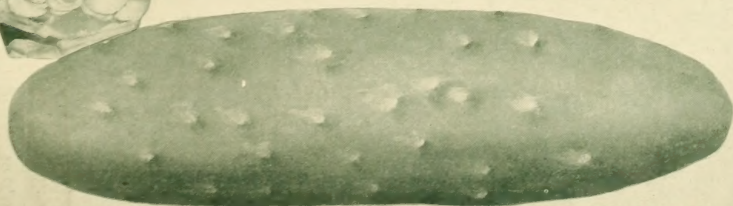
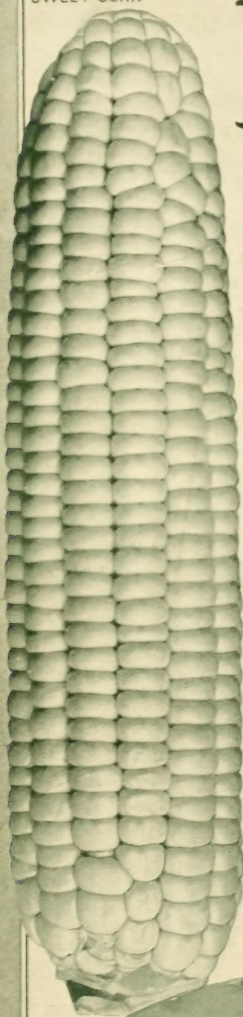
1919

F.W. BOLGIANO & CO.

Seed Growers

1009 B. Street, N.W.

Washington, D.C.



BOLGIANO'S EARLY FORTUNE CUCUMBER

1889

1919

Bolgiano's Capitol City Seeds

WASHINGTON, D. C., Jan. 1, 1919.

The name **Bolgiano** has been associated with seeds for many years, and our house, ever since it was established in Washington in 1889, has grown steadily. With increased facilities we are now prepared to take care of a much larger volume of business.

Nowhere will you find seed of better quality, and as to service we assure you that all orders entrusted to our care will be executed if possible within twenty-four hours after they are received.

Trusting to be favored with your orders for seeds and any garden accessories for which you may be in the market,

United States
Food Administration
License No. G - 31494.

Very truly yours,

F. W. BOLGIANO & CO., INC.

CAPITOL CITY SEEDS FREE BY MAIL

We deliver all Seeds and Plants by mail free, **EXCEPT** Beans, Sweet Corn, Peas, and Field and Grass Seeds and Seed Potatoes.

Our terms are always cash with order, or satisfactory New York, Philadelphia or Washington reference.

How to Remit. You can send your remittance at our risk by Postoffice or Express Money Order, New York or Chicago Draft, Personal Check, or by registered letter. We cannot hold ourselves responsible for cash sent loose in letters.

Be Sure to Sign Your Name and give your full address on every order you send us. We frequently receive orders without names or address. If you do not hear from your order in a reasonable time, write fully, giving date of mailing, how you remitted and copy of order.

Give Full Directions on all orders to be shipped by freight or express. Give your postoffice, also your freight or express office, county and State, and state whether you wish goods shipped by freight, express, or parcel post.

Please Order as early as you conveniently can. We aim to fill all orders promptly. Should there be any cause for delay we will write you, stating when we expect to forward.

Please Use Order Sheet inclosed in this catalog in making out your order.

Guarantee. We give no warranty, expressed or implied, as to description, purity or productiveness or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms they are to be returned at once. There are many reasons why seeds do not always turn out as desired, such as sowing too deep or too shallow, in too wet weather, cold weather or too dry soil, or too wet soil, insects which do not only destroy the seeds, but often the young plants, about the time they appear at the surface of the ground. For these causes we cannot guarantee seeds or the crop.

A New Tomato

There are many good varieties of Tomatoes, and to those who know, it seemed hardly possible that there would be a place for another variety unless it had unusual merit.

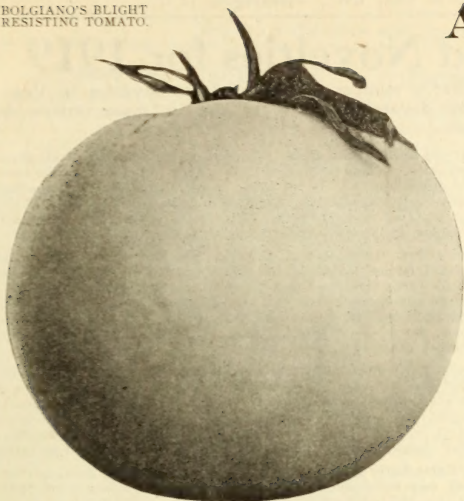
Bolgiano's Blight Resisting Tomato

is the field name we have had for this new member of the Tomato family, but freely admit we do not like to give such a name to so good a variety.

Bolgiano's Blight-Resisting is a mid-season to late variety. It is of strong, healthy, open growth, and the plants have to a most remarkable degree been able to withstand severe attacks of blight. The fruits are of a rich scarlet color and of good average market size—always solid and without any core. A prolific bearer, and should have a place in all localities where there is tendency for varieties to become attacked by blight.

Pkt. 25 cts; 5 pkts. for \$1.00.

Next fall when you have occasion to write us, kindly suggest a name for this fine tomato, as the tentative one given is not such as will probably prove popular with purchasers of the ripe fruits.



Parcel Post Rates

Weight Limit. The weight limit within the first and second zones is now 70 pounds, and within all other zones 50 pounds.

Domestic Parcel Post Rates Within U. S. and Possessions Rates from Washington, D. C.

	First Pound or Fraction.	Each Additional Pound or Fraction.
First Zone, within 50 miles.....	5c	1c
Second Zone, within 50-150 miles.....	5c	1c
Third Zone, within 150-300 miles.....	6c	2c
Fourth Zone, within 300-600 miles.....	7c	4c
Fifth Zone, within 600-1,000 miles.....	8c	6c
Sixth Zone, within 1,000-1,400 miles.....	9c	8c
Seventh Zone, within 1,400-1,800 miles.....	11c	10c
Eighth Zone, all over 1,800 miles.....	12c	12c

Express and freight rates are cheaper on larger quantities, but where possible we advise using the parcel post which many times insures delivery right at your door. We make no charge for delivery to depot or express office.

War Tax. Where parcel post charges amount to 25c or more, a war tax of one cent is assessed for each 25c or fraction thereof. As a special Internal Revenue stamp must be used for this purpose, for our customers' convenience we will pay this special war tax, so in remitting for postage continue to figure as you have done heretofore.

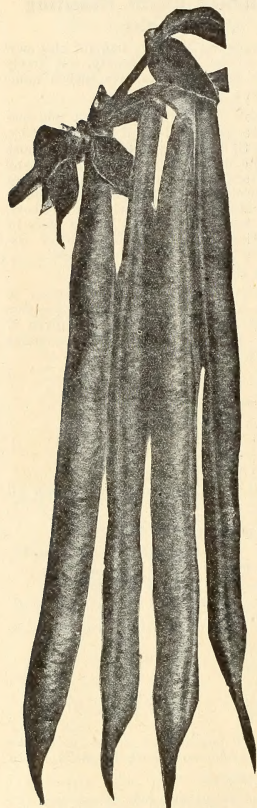
Scarcity of Food is now an absorbing topic of comment the world over, and we are advised that for some time to come America will be drawn upon to supply food for millions of people. Under these conditions, all who can should plan to produce sufficient vegetables so as to release other and non-perishable foodstuffs to feed those who may be starving.

It is easy to plan a garden, no matter how large or how small,—it is surprising the quantity of vegetables that may be produced on a very small area.

Make your plans now and assist in producing food the coming growing season.

Specialties and Novelties for 1919

On the following pages we offer a number of well-tried-out novelties in Vegetable Seed, and suggest that planters devote at least a few rows to those varieties in which they may have special interest.



KING OF THE EARLIES
BUSH BEAN.

is practically all head. It is hardy as well as very early, and a quick grower. Leaves are a light green, and slightly crumpled, like Savoy Spinach; inner leaves a bright yellow. In flavor it is particularly rich, buttery and tender. Bolgiano's Wonder has certainly been highly appreciated wherever grown or tried, and is sure to become popular, both in home and market gardens. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50 by mail postpaid.

King of the Early Bush Bean. The earliest and hardiest of all green podded varieties. It may be planted from a week to ten days earlier than any other green bean, and is not liable to rot during cold wet weather. It produces freely straight long round light green pods. Equally as desirable for planting as a late crop. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; gallon, \$1.75; peck, \$3.25; bushel, \$12.00.

Bolgiano's New Giant Podded Emerald Isle Pole Lima Bean. The largest podded, largest seeded and heaviest cropper of all Pole Lima Beans. The mammoth pods measure 7 to 8¼ inches long by 1½ to 2 inches wide, and are generally borne in clusters. It is one of the strongest growers and continues to bear freely until killed by frost. The shelled beans are of the finest flavor. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.

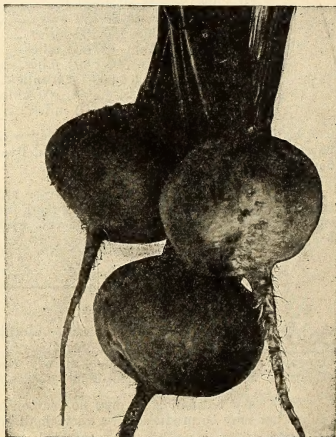
Wonderful Early Beet. Produces smooth, handsome shaped roots with fine grained tender flesh of delicious quality. When pulled from the soil there are absolutely no fibrous or side roots. For hot beds, cold frame and transplanting, it is truly Wonderful. Very popular now in the large city markets on account of its fine shape and attractive dark red color. Pkt., 5 cts.; ounce, 15 cts.; ¼ lb., 35 cts.; pound, \$1.25 by mail postpaid.

Superb Extra Early Beet. An early turnip-shaped beet of finest quality. It is ready very early and invariably produces smooth, handsome roots. The flesh is a rich dark blood red, tender, crisp and deliciously sweet. The tops are small and the beets bunch nicely. Recommended both for forcing and main crop. Pkt., 5 cts.; ounce, 15 cts.; ¼ lb., 35 cts.; pound, \$1.25 by mail postpaid.

Bolgiano's Early Fortune Cucumber. Thousands of private and market gardeners have pronounced this to be one of the earliest and darkest green cucumbers in cultivation. It is unquestionably one of the best varieties, combining both table and shipping qualities, and the fruits at all stages of growth are invariably of perfect form. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Bolgiano's Golden Heart Lettuce. There has always been a demand for a Big Boston Lettuce without the brown tinge. This Lettuce is black seeded Big Boston with less Brown tinge. It will stand longer without going to seed and has a fine large heart, light color, and is crisp and tender. Pkt., 5 cts.; oz., 15 cts.; 2 ozs., 25 cts.; ¼ lb., 40 cts.; lb., \$1.50 by mail postpaid.

Bolgiano's New Wonder Lettuce. Has solid round heads and will bear transportation better than almost any other variety. For early spring planting in open ground or under glass it is unequalled. Plants grow 6 to 7 inches in diameter; the outer leaves are so closely folded the plant

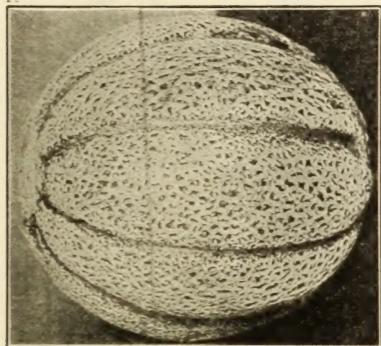


WONDERFUL EARLY BEET.

PLANT PLenty OF BEANS—THEY ARE MOST NUTRI-
TIOUS. THE GREEN PODS MAY BE COOKED AS THEY
MATURE AND ANY SURPLUS CANNED :: :: ::

Sweet Air Cantaloupe

It is the sweetest, finest flavored, juiciest and best melon ever offered. It is a little larger than the Rocky Ford, well netted, THICK GREEN FLESH, small seed cavity. It has readily sold every season for \$1.00 more per crate than any other melon, and has always cut sweet. When the other standard



KNIGHT CANTALOUPE.

sorts have been flat to the taste, this has been perfect in sweetness. Restaurants demand it and will take no other when they can get this one. It is prolific; the best for table; the best for restaurant; ALL SWEET should have been its name, but it gets its name from the farm where it was originated. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

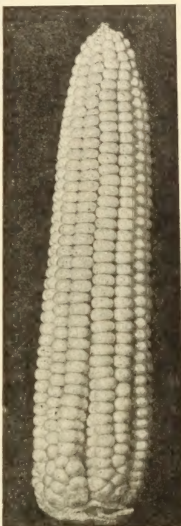
Sweet Air Cantaloupe. Our seed this year is grown from NEW STOCK—direct from the originator. We gave Mr. Wm. Ryan, of Ritchie, Maryland, a pound of this stock seed, and he states that the stock was the best he ever had.

The Knight Cantaloupe. This was introduced by the originator of our Famous Sweet Air Cantaloupe. His description of this melon is as follows: "It is less liable to blight, considerably earlier in maturing and nearly, if not quite, as large as the Sweet Air. The flavor is the equal of the best on the market." The melons are firmly netted, uniform in size, and the thick green flesh is most delicious in flavor. We recommend this to our Market Gardener trade as well as the home gardener. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00 by mail postpaid.

FREE BY MAIL. To our patrons we offer to deliver all Garden and Flower Seed by Parcel Post at Catalogue price, if order is accompanied with cash. This does not apply to Peas, Beans, Potatoes, Onion Sets and Corn, which will have to be sent by Express or Freight, charges collect.

Extra Early Ideal Sweet Corn

We have never put out anything that has given greater satisfaction to our friends than this new Corn. First, it was ready for the market as soon as the Extra Early Adams; second, large size ear; third, it brought more money, and fourth, it satisfied the most critical trade. What more could be said? While not a sugar corn, it is a sweet corn; can be planted at the same time as the Adams Corn and produce an ear much larger, finer texture, sweet and with blades on the ear. Not in a single instance have we sold a gardener this corn who has not come back for a further supply. Pkt., 10 cts.; express, not prepaid; pint, 20 cts.; quart, 30 cts.; gallon, 85 cts.; peck, \$1.65; bushel, \$6.00.



EXTRA EARLY IDEAL SWEET CORN.

Summer King Lettuce. Immense heads as solid as a cabbage and curled. It produces large heads often 15 and 16 inches across. The heart blanches beautifully and is crisp, tender and delicious. It is a robust-growing variety, rooting deeply and thus able to resist hot, dry weather; slow to run to seed, and a sure header. The outer color is of a distinct apple-green. It has been extensively grown in all sections of the country, and as a standard summer Lettuce it is in every way desirable. Pkt. 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75 postpaid.



SWEET AIR CANTALOUPE.

Two Delicious New Peas

Earliest Springtime. This Pea is sure to be a leader. The pods are from 4 to 4½ inches long. The kernels are round like the Alaska, but much larger, and the pods are equal in color and size to the Gradus; it can be planted earlier than the Gradus because of its character of seed. We feel sure that this pea will produce more and give better satisfaction than any other early sort to the market gardener. Pkt., 10 cts.; pint, 20 cts.; quart, 40 cts.; gallon, \$1.75; peck, \$3.00; bushel, \$11.00.

Laxtonian. This handsome new wrinkled Pea is the largest podded of the dwarf varieties in our list. The beautiful dark green pods are similar to Gradus in shape and splendid quality; are very nearly as large in size and mature a little earlier. The vines are vigorous and productive, averaging 15 to 18 inches high, foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00.

Four Fine New Tomatoes

Extremely Early Prolific Bonny Best. In one field test the Bonny Best proved to be the earliest of all early tomatoes. The fruit was extremely abundant and large, much superior to many of the extensively advertised sorts; in fact, much of the fruit was as large as the largest sorts of commercial Tomatoes. It has an abundance of vine, protecting the fruit from scalding and the blossoms being knocked off by heavy rains and winds. Its smoothness, uniformity of size, brilliant red color, evenness of ripening, compact growth and abundance of fruit will make it a money-maker for market grower, canner, and home gardener. Pkt., 5 cts.; oz., 45 cts.; ¼ lb., \$1.25; lb., \$4.50.

Bolgiano's Grand. The large, smooth, pink fruit makes it the finest Tomato that has come to the Washington market the past two seasons. This is no old variety with a new name, but a Grand New Pink Late Tomato. It has surpassed the old varieties in that it does not show the tendency to blight, as many of the older sorts do. We are sure that whenever it has once been used it will be used again. Pkt., 5 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.75.

The Greater Baltimore. In a three years' test it produced 16¼ tons to the acre against 13¼ tons of the Stone on the average. While we recommend the Stone Tomato, we say and believe the Grater Baltimore Tomato is better in every way. Large, smooth, bright red color—very productive. Fine for Table, Canning and Market. It ripens well up to the stem end, and does not crack. It is extremely heavy, a measured bushel often weighing 65 to 70 lbs. Among New Jersey canners it is considered superior to Stone and Red Rock. Pkt., 5 cts.; oz., 40 cts.; 2 ozs., 75 cts.; ¼ lb., \$1.10; lb., \$4.00.

John Baer. This Tomato has given great satisfaction in many localities. The smooth scarlet fruits are similar in size to those produced by Chalk's Early Jewel and are of the finest flavor. One man who had five acres in this tomato says that he prefers it to all other early sorts. Pkt., 5 cts.; oz., 45 cts.; ¼ lb., \$1.25; lb., \$4.50.

A Grand New Shipping Watermelon

During watermelon time go into the markets of any large city, and you will find thousands of specimens of the Tom Watson. Shippers will find it difficult to believe that now we have a new variety that is not only a better shipper, but arrives at destina-

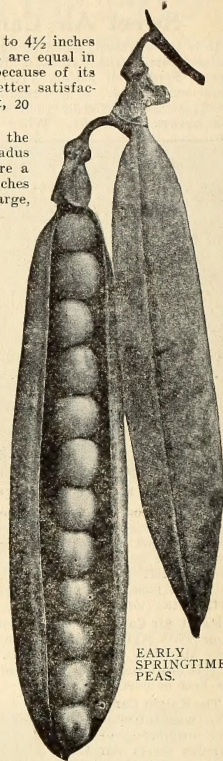
tion in a finer condition and keeps for a long time without losing flavor.

Irish Grey Watermelon

is the name which has been given this valuable introduction from one of the largest Watermelon-growing districts in the South.

The handsome oblong melons are of just the right size and weight for all markets. In color the rind is yellowish-green and exceedingly tough. The bright red flesh is sweet and firm and extends to within about an inch near the rind. The melons never show any indications of a core, and the heart remains in a firm condition even after being shipped from a long distance.

Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., \$3.00.



Bolgiano's Tested Vegetable Seeds

Seeds from the Best Market Gardeners' Stocks and of Strong Germination

Asparagus

Culture. Sow the seed thinly in rows 1 foot apart in April or May (4 or 5 pounds to the acre) and keep down all weeds. To secure strong, healthy plants, thin the seedlings to 3 or 4 inches in the rows, saving only the strongest. The one-year-old plants should be set out in spring in rich, sandy loam, dug 18 inches deep, into which has been worked plenty of well-rotted manure. If a stiff clay soil is all that can be had, add plenty of sand and sifted coal-ashes to loosen it up, and also see that it is well underdrained. In planting for private use, set out in beds 5 feet wide, 3 rows in a bed, the outer being each 1 foot from the edge, and allow 18 inches between the rows; set the plants from 4 to 6 inches below the surface. If set out in autumn, top-dress with 6 inches of manure. For market, on a large scale, set out 4 by 1½ feet. Every fall apply a good dressing of coarse manure, after the tops have been cut, and in spring fork in. Never cut too closely. The roots need the benefit of some foliage during the year, else they will weaken and die. Slugs are easily destroyed by applying air-slacked lime or Paris green. One ounce to 50 feet of drill; about 4 pounds to the acre.

Conover's Colossal. The approved standard sort. The famous Argenteuil of the French is identical with it. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

Palmetto. It is very early, large yielder, and very regular and even in its growth; average bunches contain 15 shoots, measuring 13½ inches in circumference, and weigh 2 pounds. It is equally well adapted for all sections. Its quality is unequalled. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Columbian Mammoth White. Produces large white shoots without any blanching. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

ASPARAGUS ROOTS.

Plant either in spring or fall. By mail, 50 cts. per 100 extra.

	Per 50.	100.	1,000.
Colossal. 2-year-old roots.....	\$0.40	\$0.75	\$4.00
Palmetto. 2-year-old roots.....	0.40	0.75	4.50
Columbian Mammoth White.			
A fine sort, with large, white shoots. 2-year-old roots.....	0.40	0.75	4.00

PLANT PLENTY OF BEANS.

After two seasons of great scarcity we are pleased to announce that owing to a very large acreage there are sufficient first-class seed beans to supply even an increased demand.

Beans are most nutritious, whether used in the green or dried state.

Sow the seed at intervals of two weeks apart, thus insuring a full supply of the delicious green pods throughout the entire growing season.

Green Pod Bush Beans

Culture. About the first of May, if the ground is perfectly warm, select a warm, dry, sheltered spot; dig and manure slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession. Add 15 cents per quart extra if to be sent by mail. One quart to every 400 feet of drill; two bushels to the acre.

Bolgiano's Earliest Red Valentine. (Improved Round-Podded Strain.) Our stock of this very superior Bean has been carefully built up to satisfy a most critical market gardeners' trade, which trade we cater to. It is ready for picking in 35 days from planting—earlier than the ordinary Red Valentine Beans. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 50 cts.; peck, \$3.25; bushel (60 lbs.), \$12.00.

King of the Earlies. This new Bean is fast becoming a leader. Its earliness, beauty, productiveness, and hardiness is fast making it a leader. See full description and illustration on page 2. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; gallon, \$1.75; peck, \$3.25; bushel, \$12.00.

Burpee's Stringless Green Pod. There is no other variety so absolutely stringless and of uniformly good quality. Very early and prolific, pods are light green in color, round and of medium length. Has a long bearing season, making it very desirable for the small garden. Seed dark brown. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; peck, \$3.25; bushel, \$12.00.

Black Valentine. An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust proof, seed black. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; peck, \$3.25; bushel, \$12.00.



BOLGIANO'S EARLIEST RED VALENTINE BEAN.

Green Podded Bush Snap Beans—Continued

Extra Early Refugee. A very early, green-podded variety, with medium-sized, green, fleshy pods; seed drab, freely spotted with dark purple. The vines are smaller and of more upright growth, and leaves a little larger than the Late Refugee. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 50 cts.; peck (15 lbs.), \$3.50; bushel (60 lbs.), \$13.00.

Longfellow. The handsome long round green pods are tender, brittle and stringless when young. A very early maturing variety, and is strongly recommended for both home and market gardens. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; peck, \$3.25; bushel, \$12.00.

Early Bountiful. Almost a continuous bearer. The plants are of strong growth and produce abundantly stringless flat tender green pods. Very early. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; peck, \$3.25; bushel, \$12.00.

Boston Pea or White Navy. The most popular of all the so-called baking beans. Easily grown and very productive. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 50 cts.; peck (15 lbs.), \$2.75; bushel (60 lbs.), \$10.00.

Refugee, or 1,000 to 1. A variety rather later than other green-podded varieties. Vines large, spreading, and very hardy; pods long and green, becoming white, streaked with purple as they mature. Seed yellowish; heavily splashed with bluish black. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; peck (15 lbs.), \$3.65; bushel (60 lbs.), \$13.50.

"Giant Stringless" Green Pod. This is a great improvement on old-time popular favorite Valentine Bean. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. It is enormously productive. We confidently recommend it either for the home garden or as a profitable variety to grow for market. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 50 cts.; 4 quarts (7½ lbs.), \$2.00; peck (15 lbs.), \$3.50; bushel (60 lbs.), \$13.00.

Dwarf Horticultural. Very productive, pods of medium length with splashes of red. Always stringless and desirable for cooking when young. The green shelled beans are of the finest flavor. Pkt., 10 cts.; pint (1 lb.), 35 cts.; quart (2 lbs.), 60 cts.; peck (15 lbs.), \$4.25.

Dwarf Wax-Podded Snap Beans

During the past few years there has been a great improvement in the quality of wax-podded beans. The varieties we offer have all been grown from the finest selected strains and are bound to please the most critical planters. Culture directions same as given for the green-podded Bush Beans.

Currie's Rust-Proof Wax. It is hardy and practically rust-proof. Pods grow long, flat, and are tender and of fine quality. Very early, productive and by far one of the best shipping beans on the market. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.

Davis Kidney Wax. A most popular variety where a hardy wax podded sort is desired. The straight flat pods measure 6 inches long, are of a rich golden yellow, and are tender and of fine flavor if used when the pods are young. Very productive; the white dried beans are desirable for winter use. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.

Sure Crop Stringless Wax. Very prolific and produces pods of the finest quality. The pods are almost round, slightly curved; measure about 7 inches long by ½ inch wide, and are always stringless; the meat is very thick. Pkt., 10 cts.; pint, 35 cts.; quart, 65 cts.; peck, \$4.50; bushel, \$17.00.

Hodson Wax. Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, thick, handsome, light yellow flat pods. The pods are brittle and tender, of fine texture, and stringless if picked when young. Its remarkable productiveness make it one of the best late or main crop wax beans for house or market garden. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel \$15.00.

Pencil Pod Black Wax. This new bean has been most enthusiastically praised by all who have grown it. Its beautiful yellow pods are straight and from 5 to 7 inches long, well rounded, meaty and deep saddle-backed. They are always solid, brittle and entirely stringless. The plants grow 15 inches high with abundance of large, heavy foliage, under which will be found an enormous crop of magnificent straight, golden-yellow pods. Decidedly better than old Black Wax. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.



BOLGIANO'S
NEW WAX
BUSH BEAN.

Improved Rust-Proof Golden Wax. A greatly improved strain; more prolific and superior to the old golden wax. Pkt., 10 cts.; pint 30 cts.; quart 60 cts.; peck (15 lbs.) \$4.00; bushel (60 lbs.) \$15.00.

Bolgiano's New Wax. The pods are round and of a bright golden yellow. It is very productive, bearing pods in clusters. The medium size, thick fleshed pods are about the size and shape of the red Valentine. It is free from rust and stringiness. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; peck (15 lbs.), \$4.00; bushel (60 lbs.), \$15.00.

Improved Stringless Refugee Wax. Decided improvement on old Refugee Wax; very desirable for canning. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.

Hardwell's Kidney Wax. Very hardy; more robust than any other wax beans; very heavy cropper; not liable to rust or blister. The flat pods are 5 inches long and of a rich golden-yellow. Pkt., 10 cts.; pint (1 lb.), 35 cts.; quart (2 lbs.), 65 cts.; peck (15 lbs.), \$4.50; bushel (60 lbs.), \$17.00.

Bush Lima Beans

Fordhook Bush Lima. The Fordhook produces a stiffly erect bush form of growth, and therefore the pods rarely come in contact with the soil, and thus are always clean in appearance. The stalks which produce the blossoms are immense, and pods are almost always borne in clusters of from 4 to 6. The well-filled pods contain from 4 to 6 thick meaty beans. The shelled beans are of the Potato Lima type and are always of the finest flavor. Our seed has been grown from the finest selected stocks. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.25; bushel, \$16.00.

Improved Large Bush Lima. This bean produces magnificent crops of pods, which measure from 5 to 6 inches long by 1½ inches wide. As compared with the original Burpee Bush Lima, it is fully a week earlier, and both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; gallon, \$2.25; peck, \$4.50; bushel, \$16.50.

Large Bush Lima (Burpee's). Is an immense yielder, each bush bearing from 50 to 200 of the handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.

Henderson's Bush Lima. It has merit in being productive and very early for family use, and where the trade demands a small-sized bean it has no superior. Makes a delicious dried bean for winter use. Pkt., 10 cts.; pint, 30 cts.; quart, 50 cts.; gallon, \$1.75; peck, \$3.40; bushel, \$13.00.

Climbing or Pole Beans

(1 quart to 150 hills; 10 to 12 quarts to 50 to the acre.) Add 15 cts. per quart on beans if to be sent by mail.

Culture. Choose light soil and make small hills 3 feet apart, having previously spaded deeply and fertilized. Plant long pole 2 feet deep in the center of the hills. Allow 6 beans to each hill, covering them barely beneath the surface, their eyes downward. Do not allow more than 3 to climb a pole, but remove extra plants to hills where less than 3 have sprouted. The lima bean is very delicate, an doften from slight causes fails to sprout. They should not be planted until the ground is warm.

McCaslan. Very early and continues in bearing throughout a long season. The pods are 8 to 10 inches long, flat, slightly curved and of a rich green color. This produces a snap bean of the very finest flavor, while the dried white seed are most excellent for winter use. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.25; bushel, \$16.00.

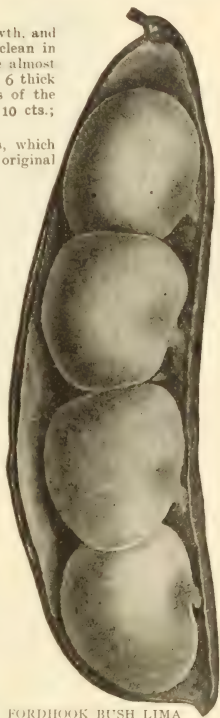
Burger's Green Pod Stringless (White-Seeded Kentucky Wonder). The saddle-backed straight dark green pods measure 6 to 8 inches long, are always stringless, and when ready for cooking are extremely meaty. The flavor is delicious, being equal to that found in the finest Bush varieties. The dried beans are desirable for winter use. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.25; bushel, \$16.00.

Kentucky Wonder, or Old Homestead. This variety is one of the most desirable and earliest of all the green-podded running varieties. It is enormously productive, the pods hanging in great clusters from base to top of pole; are of a silvery-green color and entirely stringless; they cook deliciously tender and melting. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; peck (15 lbs.), \$4.00; bushel, \$15.00.

Lazy Wife. One of the best for snaps of the later green podded pole beans. The numerous pods, borne in large clusters, are 5 to 7 inches long, broad, thick, fleshy, and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck (15 lbs.), \$4.50; bushel, \$16.50.

Cherry Pole or Horticultural. Vines moderately vigorous, with large, light colored leaves; pods short, pale green, but becoming streaked with bright red; beans large, oval, splashed and spotted with wine-red and of the highest quality either green or dry. Many people like them better than Limas. Adapted for cool locations and short seasons. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; gallon \$2.00; peck, \$4.00; bushel, \$15.00.

Kentucky Wonder, or Old Homestead. This variety is one of the most desirable and earliest of all the green-podded running varieties. It is enormously productive, the pods hanging in great clusters from base to top of pole; are of a silvery-green color and entirely stringless; they cook deliciously tender and melting. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; peck (15 lbs.), \$4.00; bushel, \$15.00.



FORDHOOK BUSH LIMA

Pole Lima Beans

Bolgiano's New Giant Podded Emerald Isle. (For description and price see page 2.)

Siebert's Early. Extra early, vigorous growth and productive. Pkt., 10 cts.; pint, 30 cts.; quart (2 lbs.), 60 cts.; gallon (7 lbs.), \$2.00; peck (14 lbs.), \$3.75; bushel (56 lbs.), \$14.00.

King of the Garden. Its vine has a luxurious growth, which abounds with large pods, often 6 to 8 inches long, and filled with 5 or 6 perfect Beans to a pod. These Beans in their green state are large and luscious, but when dry shrink to the ordinary size. It is large, early and prolific and unequalled in quality. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; 4 quarts (7 lbs.), \$2.00; peck (14 lbs.), \$3.75; bushel (56 lbs.), \$14.00.

Dreer's Improved Challenger or Potato. The distinctive features of this are early maturity, large yield and extra quality. The bean is thick and round, rather than flat oval-shaped, as most Limas are. Pkt., 10 cts.; pint (1 lb.), 30 cts.; quart (2 lbs.), 60 cts.; peck (14 lbs.), \$3.75; bushel (56 lbs.), \$14.00.

Early Leviathan. One of the newer varieties and the best early variety in cultivation. Vine very tall and strong; pods long and borne in clusters; beans large and white. It is early, strong-growing and prolific. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$3.75; bushel, \$14.00.

Garden or Table Beets 1 ounce to 50 feet of drill. 5 to 6 pounds to the acre.

We consider Beets as deserving a very large place in all gardens. They are most easily grown, and the home gardener may commence using the roots as soon as they become the size of the end of one's thumb, and at which time the tops are also delicious if cooked like greens. Sowings being made throughout the season insures a full supply, and if a quantity of seed is sown about August 1st the planter is enabled to obtain a fine lot of roots for storing for winter use.

Culture. Our beet seed is grown from selected transplanted roots and have given truckers and market gardeners, who appreciate a high standard of perfection, the utmost satisfaction. The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked. When the plants are large enough, thin out to stand 6 inches apart in rows; continue sowing for a succession as late as the middle of August. Keep well cultivated.

Superb. (See illustration.) Has taken the lead among early turnip-shaped Beets entirely by superior merit of everything pertaining to a Beet to make a recognized leader. It is very early, indeed; it is 8 to 10 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable; in fact, it is the smoothest Beet within our knowledge. The flesh is a rich, dark blood-red, tender, crisp, and deliciously sweet, besides having a very small top; is an ideal variety for bunching. Will produce a good crop inside of seven weeks from sowing. Is excellent as a forcing sort or as a main crop. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Wonderful Early. (See page 2.) Extra quick in maturing, small tap root, small tops, deep dark red color, fine-grained flesh; in fact, it is the best yet introduced for early market. Grown in hot beds, cold frames or open ground. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Crosby Extra Early. A very superior strain of blood-red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not flat like the ordinary Egyptian, nor so round as the Eclipse. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 65 cts.; lb., \$1.25.

Dewing's Blood Turnip. Tops medium size and veins dark red; leaves green; roots dark red, turnip-shaped, with large top; flesh carmine red, zoned with lighter shade; tender, sweet and a good keeper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; $\frac{1}{2}$ lb., 65 cts.; lb., \$1.25.

Edmand's Blood Turnip. The flesh is deep blood red in color and exceedingly sweet and tender in quality. It is round and smooth in shape and of good market size. It has a small top. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

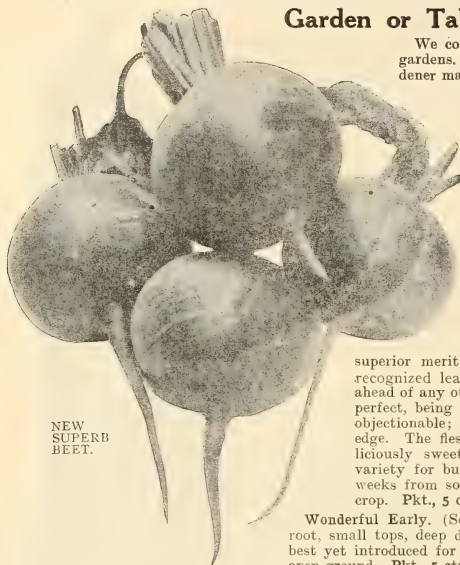
Half Long Blood. We recommend this beet to be of great value. Its roots are of an attractive shape, its flesh is dark deep red and very tender and sweet. As a fall and winter beet it has few equals. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Extra Early Bassano. This Beet is sometimes called Philadelphia Sugar Beet. Root large, turnip shape; come very early, and are very sweet and tender; flesh bright light red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

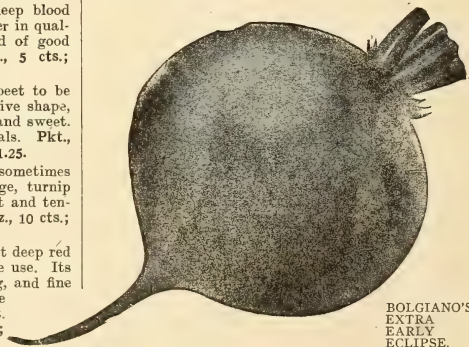
Detroit Dark Red Turnip. One of the best deep red Turnip Beets for market gardeners or home use. Its small upright growing tops, early maturing, and fine globular shape and color of the roots make it very popular with every one who plant it. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; $\frac{1}{2}$ lb., 75 cts.; lb., \$1.50.

Bolgio's Extra Early Eclipse. It is valuable for home gardens and indispensable for market gardens. It is remarkable for very rapid growth, the perfect flesh, and for its dwarf foliage. The roots are of a bright, glossy red, very fine grained. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Crimson Globe. This splendid new variety is a most valuable introduction. The color is most distinct, being of a rich, deep crimson; in shape uniformly a perfect globe; the skin is smooth and clean. It is early in maturing, and is proving specially desirable and profitable for market gardeners and truckers. Its attractive appearance, splendid flavor and other fine table qualities make it a favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.



NEW
SUPERB
BEET.

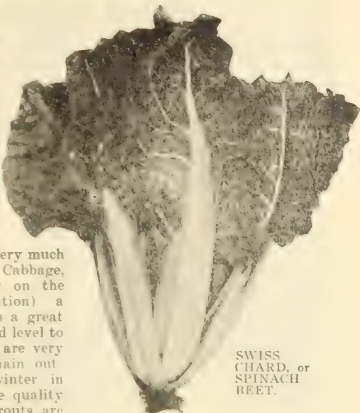


BOLGIANO'S
EXTRA
EARLY
ECLIPSE.

Swiss Chard or Spinach Beet

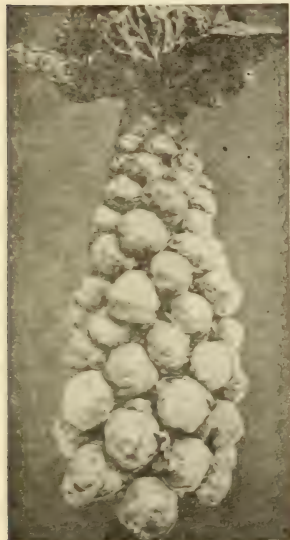
Up to within the past few years this was classified among the "little-known" vegetables. Swiss Chard will continue to increase in popularity as its uses become more generally known. The principal use is to cook the leaves in the same manner as Spinach, and the stalks are palatable if prepared and cooked like Asparagus. If leaves and stems are carefully cut so as not to injure the crowns the roots will continue bearing for a long time. Culture the same as recommended for Beets except that plants should stand about 18 inches apart each way.

Large Ribbed White. Produces broad white leaf stalks. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75 by mail postpaid.



SWISS
CHARD, or
SPINACH
BEET.

Brussels Sprouts



The Sprouts look very much like little heads of Cabbage, and growing closely on the stalk (see illustration) a single plant produces a great many from the ground level to the tip. The plants are very hardy and may remain out doors during the winter in many locations. The quality and flavor of the sprouts are much improved by frost. Seed should be sown the same as it is customary to sow for late cabbage.

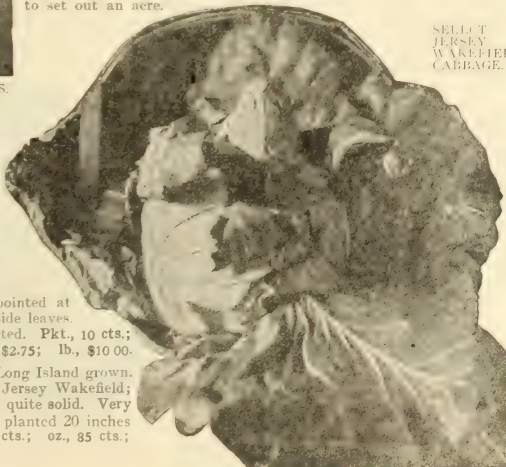
Perfection. Grows about $2\frac{1}{2}$ feet high. Very productive. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Paris Market. This is much dwarfer than the preceding and bears a large crop of handsome sprouts. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Cabbage Seed (Long Island Grown)

Cabbage is one of our most important vegetables, and it is now more necessary than ever before for the planter to be careful as to the source of supply for seed. For two seasons in succession the Cabbage seed crops have been very short, and in addition it has been practically impossible to import any seed from Denmark.

The supply of seed of high quality is very limited, and this will explain why we are obliged to charge the prices asked—however if one is careful a couple of ounces will produce sufficient plants to set out an acre.



SELECT
JERSEY
WAKEFIELD
CABBAGE.

PARIS MARKET BRUSSELS SPROUTS.

Culture. For very early use sow in January or February in hotbeds; put out when the plants are strong enough into other hotbeds, or sow in cold frames in March; transplant, when danger from killing frost is past, to open ground in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July in rows $2\frac{1}{2}$ feet apart and 2 feet in the row. Cabbage succeeds best in fresh, rich soil, well manured and deeply dug or plowed.

Select Jersey Wakefield. Heads pointed at top, and plants produce but few outside leaves. Our seed has been most carefully selected. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 85 cts.; $\frac{1}{4}$ lb., \$2.75; lb., \$10.00.

Large Charleston Wakefield. True Long Island grown. About 5 to 10 days later than Early Jersey Wakefield; the heads are fully one-half larger and quite solid. Very compact in growth and can easily be planted 20 inches in the rows. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 85 cts.; $\frac{1}{4}$ lb., \$2.75; lb., \$10.00.

Early and Second-Early Flat Head Cabbages

Bolgio's New Early. This is the finest, large, very early Cabbage. Forms solid, compact heads, and the leaves grow close to the head, thus allowing many more cabbage to be grown on the acre than any other sort. Its earliness is one of its remarkable features. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.00.

Bolgio's Early Flat Dutch. The heads are large and solid. Pkt., 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.50.

Early Spring. Its great value is that it is a first early flat Cabbage. Of the early summer type, but not quite so large, grows with few outside leaves. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.25; lb., \$8.50.

Copenhagen Market. Undoubtedly the finest, large, round-headed early Cabbage. The heads average about 10 pounds each in weight, are very solid and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety. The plant is short-stemmed, the leaves light-green, rather small, and always tightly folded. *Danish Grown.* Pkt., 10 cts.; $\frac{1}{2}$ oz., 60 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75; lb., \$13.50.

All Season. Will do to plant at any season of the year, with assurance that the crop will be fine, large heads, and in every respect give satisfaction. It grows large. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.10; lb., \$8.00.

Allhead Early. This famous Cabbage is considerably larger than any other early summer Cabbage that is equally as early. The deep flat heads are remarkably solid and the most uniform in color, form and size of any variety. The hard heads grow so free from spreading leaves that fully one thousand more heads than usual with large Cabbage can be obtained to the acre. It is really an all-the-year-round Cabbage, being equally good for winter if seed is sown about July 20. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.10; lb., \$8.00.

Early Winnigstadt. A standard second-early variety; very hard heads. Pkt., 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.50.

Improved Early Summer. A superior second-early sort; produces large and solid heads of finest quality; popular in the South. Selected stock. Pkt., 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.50.

Succession. True American grown. Matures ten days later than Early Summer and is larger in growth. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.10; lb., \$8.00.

New Money Maker. This Extra Early Flat Head Cabbage is fully as early as the Early Jersey Wakefield. Small outside leaves, solid heads, and very fine texture, enabling it to be planted very close, thus getting a great number of heads to a given space. Remember this is positively the first early flat Cabbage. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.10; lb., \$8.00.

Winter Varieties of Cabbage

Extra Large Flat Dutch. Fills a long-felt want of our Cabbage growers. They anxiously looked for a variety which included large size, solidity, uniformity, good keeping qualities and quick development, so that by planting later than was necessary with the old Flat Dutch they could avoid the cabbage worm and yet mature their crop. Matures in three weeks less time than the Late Flat Dutch. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

Bolgio's Superior Stock Large Late Drum-Head. This splendid Cabbage produces enormous heads and is an all-head Cabbage. Its good keeping quality makes it a first-class sort to carry over winter or for long distance shipping. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

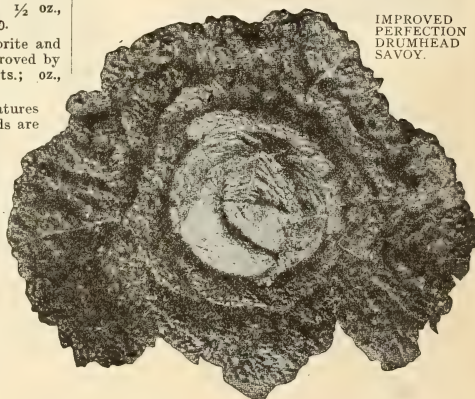
Premium Flat Dutch. This is an old favorite and standard with many truckers and much improved by careful selections. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

Danish Roundhead. A late variety, but matures earlier than the Danish Ball Head. The heads are round and have a short stalk, and for solidity is ahead of all others. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. *Danish Grown.* Pkt., 10 cts.; $\frac{1}{2}$ oz., 60 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75; lb., \$13.50.

Improved Perfection Drumhead Savoy (True American). There are many varieties of Savoy Cabbage, but there is one variety, "Bolgio's Perfection," that surpasses them all for uniformity of heads, beauty of curl, Extra Large Size and superior keeping qualities. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

Volga. This variety is of recent introduction and has much merit, and makes large, round heads which are very solid. It is hardy and will do well in every section where Cabbage is grown. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

Mammoth Red Dutch. The largest red Cabbage and heads very solid, and is deep red color to the very center. No Cabbage is better for boiling or for slaw, and its beautiful red color specially fits it for pickling. Pkt., 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$1.85; lb., \$7.00.



IMPROVED
PERFECTION
DRUMHEAD
SAVOY.

Pe-Tsai, Chinese or Celery Cabbage

This Chinese vegetable has become very popular in many large cities. The Chinese Cabbage is very easily grown, and in fairly rich soil quickly produces handsome heads resembling Cos Lettuce. It is apt to bolt to seed during hot weather, therefore best results are obtained by sowing seed the latter part of the summer (August 1st to 15th) and having plants stand about fifteen inches apart in the rows. Heads are easily blanched and may be used as a salad or boiled like cabbage. Plants are rather tender and will not stand frost. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., \$3.00, by mail postpaid.

World's Greatest Cauliflower Seed

Mark Twain once stated that Cauliflower was the aristocrat of the Cabbage family, and those who are acquainted with the delicate flavor of the fresh heads will agree with him.

It should not be difficult for the average gardener to have Cauliflower in his garden at least some time during the year.

Culture. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 20 feet apart each way. Keep them well hoed and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The cauliflower succeeds best in a rich soil, and is sown and managed similar to winter cabbage.

The Twentieth Century. Where other Cauliflower fails, gardeners should try this strain. The heads are all large, and every plant will make a head when the conditions are right. In Long Island, N. Y., this strain has given the best satisfaction. The heads are large, compact and white, weighing more than any other sort. The outside leaves are smaller than any other variety; for this reason it can be planted closer, thereby getting a greater number of heads to the acre. It is the earliest and makes big and quick money for the grower. The cost to produce this seed is much greater than any other variety. Half-size pkt., 15 cts.; pkt., 25 cts.; ¼ oz., \$1.75; oz., \$3.25; ¼ lb., \$12.00.

Veitch's Autumn Giant. This is known on the Pacific Coast under the name of California Wonder. It is very late in maturing and heads or curds are not so well formed nor so tight as those of the earlier varieties. Pkt., 10 cts.; ½ oz., 60 cts.; oz., \$1.00; ¼ lb., \$3.25; lb., \$12.00, by mail postpaid.

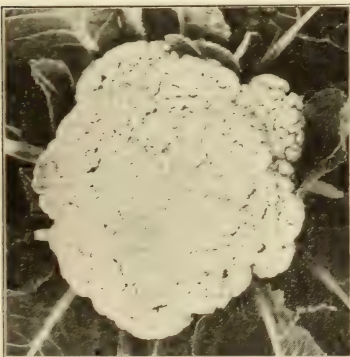


PETSAI, OR CHINESE CABBAGE.

Early Snowball. Our seed this season is as usual from selected stock, and we go to the grower knowing that we give them seed that has been grown for us by the best grower in Europe. It grows dwarf, with large, white heads, and very early. Our sales have increased each year in the sale of Cauliflower, and we have spared no expense in perfecting this fine strain. We feel sure that if you once try this seed you will have no other, because it is the best. As a profitable crop there are few that equal it, and any one who gets our seed should make a success and money. Good Cauliflowers always sell, and sell readily. Half-size pkt., 10 cts.; pkt., 20 cts.; ½ oz., \$1.60; oz., \$3.00; ¼ lb., \$11.00.

Algiers. A late variety especially recommended for cool localities where it produces very large solid white heads late in the fall. Pkt., 10 cts.; ½ oz., 65 cts.; oz., \$1.25; ¼ lb., \$4.25; lb., \$15.50 by mail postpaid.

The Success. Having received many inquiries for a satisfactory variety to produce heads late in the season, we were much pleased when our attention was called to The Success. With the introduction of The Success we feel many gardeners may now prolong their growing season. It forms firm large curds or heads, pure and white in color and always solid and firm. Half-size pkt., 10 cts.; pkt., 20 cts.; ½ oz., \$1.50; oz., \$2.85; ¼ lb., \$10.50.



THE TWENTIETH CENTURY CAULIFLOWER.

Washington, D. C., is conveniently located for shipping to all Eastern and Southern points. We have the advantage of all the leading railroad and express companies. We deliver all Seeds and Plants by mail free, except Beans, Sweet Corn, Peas, Onion Sets, Seed Potatoes and Field Seeds.



OX HEART CARROT.

Pride of the Market. This beautiful medium size, pointed-root carrot is just what gardeners want for an early crop. In color, earliness, size, form and shape it excels all other sorts. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Be Sure and Sow Plenty of Carrot Seeds.



DANVERS HALF LONG ORANGE CARROT.

Table Carrots

Arrange for an ample supply of Carrots, as they are highly nutritious, and if sowings are frequently made it is possible to maintain a supply of roots the year round.

Our Carrot seed has been grown from carefully re-selected stocks, and having harvested good crops we are in a position to quote the seed at very moderate prices.

Three ounces of seed to 100 yards; four pounds to the acre.

Culture. Carrots, to grow to perfection, require a deep, rich, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for winter crop in June and July. It is very important to tread the rows firmly after sowing the seed.

Early Golden Ball or French Forcing. A very desirable variety for forcing and also supplying early roots from the open ground. The small round roots measure about $1\frac{1}{2}$ inches in diameter, are smooth, tender, and of good flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50, by mail postpaid.

Chantenay or Model. Broad stump roots measure 5 inches long and 3 inches in diameter at shoulder. Roots are smooth, flesh tender and fine grained; color deep orange. A most popular variety in all markets. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00, by mail postpaid.

Ox Heart Selected Stock. A thick carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, and of a deep red color, and is a variety we can recommend to all market gardeners. Pkt. 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



EARLY RUBICON CARROT.

Danvers's Half Long Orange. A handsome cylindrical-shaped carrot of good size. It is of rich, dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early Rubicon. A half long Orange, stump-rooted Carrot, of a beautiful, deep-red orange color. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulder, making it more productive. It is a wonderfully heavy cropper, producing 3 to 4 tons to the acre under good culture. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Nichol's Long Orange Improved. One of the most desirable for either garden or field culture. It grows to large size, fair specimens average 12 inches in length and 3 inches in diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during the winter. It increases the flow of milk and imparts to the butter a rich, golden color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Half-Long Stump-Rooted Nantes Strain. One of the most popular sorts. The half-long roots measure 6 inches long by $1\frac{1}{2}$ inches in diameter. Flesh tender and sweet; color rich orange. Pkt., 5 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Half-Long Pointed. A well-known strain; productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Henderson's Intermediate. One of the best main crop carrots. It is noted for its smoothness of shape, its tenderness of flesh and beauty of color. It is free from any coarse, rank flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



BOLGIANO'S
GOLDEN
SELF-
BLANCHING
CELERY

Celery

French Golden Self-Blanching. This is the best early celery in cultivation. Since its introduction, in 1884, it has been steadily increasing in sales, until now it is the main early celery raised by market gardeners. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle and of delicious flavor. It is self-blanching to a very remarkable degree, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid and of a beautiful, rich, golden yellow color. Pkts., 10 cts.; oz., 65 cts.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.50.

White Plume. While very early and easy to blanch will not keep long after taken from the trenches. As the stalks become ready for use they take on a pure white, even though not earthed up. The hearts are better if the stalks are slightly earthed up. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Bolgiano's Golden Heart. This is the old standard sort which has satisfied gardeners these many years. It is crisp, solid, handsome, the most excellent flavor, with a beautiful golden heart. Pkts., 5 cts. and 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

The Schumacher. We have been selling this splendid variety to satisfied customers for several years past, and believe that we have the purest strain that is offered. The stalks grow to an immense size, and are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. Pkts., 5 cts. and 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Winter Queen. Is beautiful in appearance, of close habit and compact growth, and blanches to an attractive cream white. Ribs perfectly solid, crisp, and of a delicious nutty flavor. Pkts., 5 cts. and 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Giant Pascal. The stalks are very large, thick, solid, crisp, and a rich nutty flavor, free from any taste of bitterness. Blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is a golden yellow, very full and attractive. Pkts., 5 cts. and 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.85.

Celeriac

(Turnip-Rooted Celery)

Culture. Sow the seed the same season as celery. Transplant the young plants to moist, rich soil in rows 2 feet and 6 inches apart in the row.

Large Smooth Prague. A new and quite distinct sort, roots being very smooth, large and round. Of a very distinctive flavor, the roots may be boiled or used in flavoring other dishes. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

Celery

During the late summer, fall and winter months Celery is a most palatable vegetable. For early use sow seed of the self-blanching varieties (either Golden Self-Blanching or White Plume) for later or winter use any of the later varieties offered below.

One ounce will produce about 3,000 plants.

Culture. Sow the last of March or early in April in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. Cut the tops off once or twice before planting out to make them sticky. When the plants are 5 or 6 inches high transplant the dwarf varieties 5 feet and the taller sorts 4 feet between rows; plant 6 inches apart in the row. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling" generally done the beginning of September. After the soil has been drawn up with a hoe, it is drawn closer around each plant by the hand to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position and the celery is wanted for early use, they should be "banked."

Cress

Culture. Sow thickly in shallow drills every 2 or 3 weeks. It should be cut often, and it will continue to grow. It is useful not only for salad, but for the breakfast table and for garnishing. True Water Cress should be sown in damp soil; or, if a stream of water can be utilized, they will be much finer. They will also thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad, it is a good plan to sow with Water Cress seed a strip 4 inches wide on the outer margin of a hotbed, inside the frame, where it is always cool.

True Water. It thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small, rapid streams. Pkt., 5 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Curled Garden. The seed should be sown in drills about 16 inches apart on very rich ground, and the plants well cultivated. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Wild Garden. Largely used for pork salad; has a delicious pungent taste. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Corn Salad

One ounce will sow about 18 square feet and six pounds will sow an acre.

Broad Leaved (Large Seeded. A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like Spinach. Sow in spring in drills 1 foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



CORN SALAD.



EXTRA EARLY IDEAL SWEET CORN.

Premo. Extra early; very large ears; fine quality. Pkt., 10 cts.; pint, 20 cts.; quart, 35 cts.; gallon, \$1.25; peck, \$2.35; bushel, \$9.00.

Golden Bantam. One of the sweetest corns grown. It is a dwarf medium early variety of exceptionally good quality. In all respects it is a gem—in size of plant, ear and grain. It is particularly well adapted to small gardens, on account of its small size; to the more pretentious on account of its excessive cropping ability on a given area, and to all because of its superb quality and luscious satisfying flavor. It may be planted to advantage in hills three feet apart each way. If in rows, they should be three feet apart and the plants standing singly at nine-inch intervals. It is probably the best to use where only one variety is planted, for it succeeds admirably under all conditions. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; gallon, \$1.65; peck, \$3.25; bushel, \$12.00.

Kendel's Early Giant. Very early for so large-eared a sort; fine quality. Pkt., 10 cts.; pint, 20 cts.; quart 35 cts.; gallon \$1.25; peck \$2.35; bushel \$9.00.

Sugar or Sweet Corn

All Our Corn Is Eastern Grown.

Add 10 cts. per quart if to go by mail. One quart to 200 hills; 8 to 10 quarts to the acre.

Sweet Corn is undoubtedly one of the most popular vegetables the world over. It is a very simple matter to have a full supply of ears throughout the entire growing season—make sowings every two weeks.

The quality of an ear of sweet corn depends altogether on the stage of growth. When the skin of the grain is easily punctured by the thumb nail the ear is just right for the table—a few days too young or a few days too old makes much difference.

Culture. The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May or until the ground has become warm; for succession continue planting every two weeks until the middle of July in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in a row and 2½ feet between rows.

Extra Early Ideal. The earliest, best, most profitable Corn ever introduced. We are certain that this corn will take the leading place which it deserves. Large ears, sweet, delicious flavor, tender and extremely early. See also page 3. Pkt., 10 cts.; pint, 20 cts.; quart, 30 cts.; gallon, 85 cts.; peck, \$1.65; bushel, \$6.00.

Adams' Extra Early. Largely grown for early market. Pkt., 10 cts.; pint, 20 cts.; quart, 30 cts.; peck, \$1.65; bushel, \$6.00. Ears, 75 cts. per dozen.

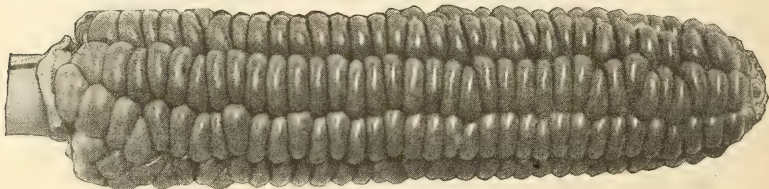
Second Early Adams Corn. Ears are all larger and later than Adams' Extra Early. Pkt., 10 cts.; pint, 20 cts.; quart, 30 cts.; peck, \$1.65; bushel, \$6.00. Ears, 75 cts. per dozen.

Peep-O-Day. The two points to this remarkable Corn are its extraordinary earliness and unparalleled sweetness. So marked is its sweetness and delicacy of flavor that many of our customers plant Peep-o-Day exclusively, arranging the plantings a few days apart so as to have this delicious Corn throughout the season. It is wonderfully productive. Our crops for three years almost double the yield per acre of any other variety we have grown, early or late. Incredible as this may seem, it is readily accounted for by the fact that the stalks bear from 3 to 5 ears each, and the growth

being dwarf—about 4 feet—admits of a very close planting. Pkt., 10 cts.; pint, 20 cts.; quart, 35 cts.; gallon, \$1.25; peck, \$2.35; bushel, \$9.00.

Extra Early Evergreen. For many years the Stowell's Evergreen has been the most popular sweet corn. A grower knowing this has repeatedly made selections for earliness, and the result is the "Extra Early Evergreen." It ripens about ten days earlier and produces ears a trifle shorter than the Stowell's, but the quality is equally as good. It is a splendid variety to come in between the early and late sorts, and is destined to become popular as the Stowell's Evergreen. Pkt., 10 cts.; pint, 20 cts.; quart, 35 cts.; gallon, \$1.25; peck, \$2.35; bushel, \$9.00; ears, \$1.00 per dozen.

Early Mammoth Sugar. Sweet, delicate flavor, producing a large ear and a small-sized cob, which fills out to the end perfectly. Pkt., 10 cts.; pint, 20 cts.; quart, 35 cts.; gallon, \$1.25; peck, \$2.35; bushel, \$9.00; ears, \$1.00 per dozen.



GOLDEN BANTAM SWEET CORN.

Late Varieties of Sugar or Sweet Corn

Stowell's Evergreen. This is not only the most celebrated, but the most popular of all the varieties, although not an early sort. It is, without any exception, the best for table use of the entire lot, although quite late. Some may observe they have tried it and found it not equal to the ordinary sugar. To such we say you have not had the pure stock, as no variety degenerates so quickly, unless the grower is exceedingly careful. We have very frequently observed samples sent out by some seed establishments as Stowell's Evergreen, that were composed of several varieties, caused by being grown in the same vicinity. Pkt., 10 cts.; pint, 20 cts.; quart, 35 cts.; gallon, \$1.25; peck, \$2.35; bushel, \$9.00. Ears, \$1.00 per dozen.

White Evergreen. The most valuable sweet corn for main crop. It has the ideal qualities of the Stowell's Evergreen Corn, only it is pure white, making it the most desirable late corn for market and home gardeners. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; gallon, \$1.50; peck, \$2.85; bushel, \$11.00.

Country Gentleman. The deep shoe-peg kernels are placed irregularly, but compactly, upon the cob. It is very prolific, generally bearing 3 to 5 ears to the stalk, and matures a little before Stowell's Evergreen, being sweeter and more sugary to the taste even than that well-known standard of quality. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; gallon, \$1.65; peck, \$3.25; bushel, \$12.00. Ears, \$1.25 per dozen.

Black Mexican Sugar. Very sweet and tender when ready for table; grain is white. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; gallon, \$1.50; peck, \$2.85; bushel, \$11.00.

Late Mammoth. A rather late sort on account of its immense size, producing the largest ears of any variety. These measure up to 14 inches in length, and are well filled with large broad white kernels, which are sweet, tender and delicious. Usually there are 16 to 18 rows to the ear. The stalks are very large, about 8 feet high and productive. Pkt., 10 cts.; pint, 25 cts.; quart, 40 cts.; 4 quarts, \$1.40; peck, \$2.65; bushel, \$10.00. Ears, \$1.00 per dozen.

Rice Pop Corn for Popping or Seed. A very handsome variety; ears short; kernels long, pointed; very prolific; no variety of pop corn is superior to this for popping. 15 cts. per lb.; if by mail, 25 cts. per lb.

STOWELL'S EVERGREEN

Selected Varieties of Field Corn

Too much care cannot be given to the growing of Corn. In Sugar Corn for table use care should be exercised that the seed be Northern and Eastern grown, because you get better yield and sweeter corn. In field corn that which has been acclimated to the locality, and that care has been used in selection of the seed stock. Why produce 50 bushels to the acre when with the same

seeds and same fertilizers you can grow from 70 to 100 bushels to the acre? 180 bushels have been grown to the acre with special care and fertilizers, but this is unusual.

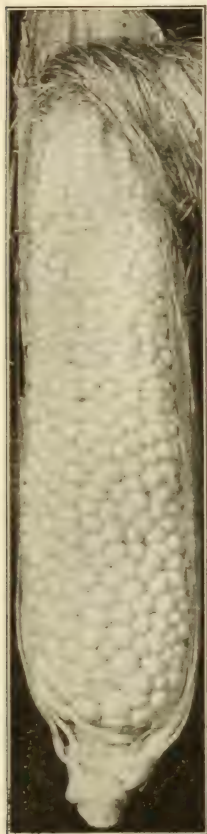
Boone County White (Pedigreed Stock). A pure white corn on a white cob. Very deep grain, not overly wide. Rows generally 20, sometimes 22 to 24. A perfect shape. That is the striking thing about it—the long ears, beautiful shape, perfect butts and tips, and deep grains. Grains fit very tightly together, showing a square rather than a rounded top. Stalk very strong and of medium height. Ears always lop over, but shanks are not long enough to blow off easily. Season about 110 days. Ripens in plenty of time in this latitude and 100 miles north. Pint, 15 cts.; quart, 30 cts.; peck, \$1.00; bushel (\$56 lbs.), \$3.50.

Choice White Dent. Long narrow grain; large feeders; very prolific; large ears, small cob. Pint, 15 cts.; quart, 30 cts.; peck, \$1.00; bushel, \$3.50.

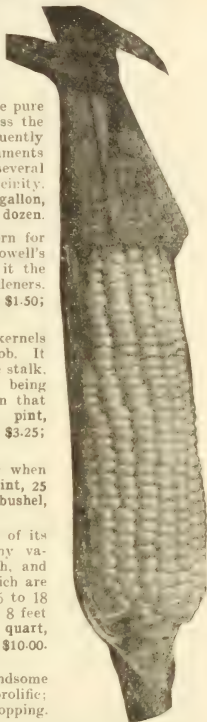
Improved Leaming. This matures in from 100 to 110 days and is very productive—on good land the stalks grow tall and frequently carry two ears. The ears are long, with small red cob filled with golden yellow kernels. Pint, 15 cts.; quart, 30 cts.; peck, \$1.00; bushel, \$3.50.

Mammoth Golden Beauty. Large yellow grain; fine size ears; very small cobs. Pint, 15 cts.; quart, 30 cts.; peck, \$1.00; bushel, \$3.50.

Hickory King. Broad, large, white grain, specially adapted to poor ground; grows 2 to 3 ears to the stalk. Pint, 15 cts.; quart, 25 cts.; gallon, 50 cts.; peck, 90 cts.; bushel, \$3.00.



COUNTRY GENTLEMAN.





LONG GREEN CUCUMBER PICKLES.

Cucumber

One ounce to 50 hills.

Culture. For early cucumbers sow the first of April in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground in rich soil when danger of frost is over, or protect by hand glasses. For early use, plant, if the weather has become settled and warm, in hills about 4 feet apart each way; thin out to 4 of the strongest plants to each hill after all danger from insects is over; they succeed best in warm, moist, rich, loamy soil; continue planting at intervals for a succession. The cucumber should be gathered when large enough for use, whether required or not; if left to ripen it destroys the productiveness. For pickles, plant from June until the middle of July.

Bolgioano's Early Fortune Cucumber. Early Fortune is the earliest—best Cucumber for table, market or shipping purposes. It is the greatest producer of all varieties, and at all stages of its growth it is a model in shape, being very handsome and most attractive. In color Early Fortune is a rich, attractive deep green. This inviting color it retains during a much longer period of growth than any other variety, it is so regular in form, one so much like the other, growers marvel at the purity and truthfulness of our stock. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Davis Perfect. Davis Perfect Cucumber resembles a hot-house Cucumber so closely that it is difficult for some dealers to tell the difference. Equally good for hot-house or outdoor culture. It is ideal in shape, rich, dark green color, uniform and regular in size. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Jersey Pickle. Fine green color. Used for pickling almost entirely. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Arlington White Spine. Our selected strain of this famous cucumber is by far the best type on this or any other market. Dark, rich, green color and holding its color long after other sorts have gone yellow and become unsuited for the market. A crop of our stock of Arlington White Spine is sure to make trade for any market garden, and for home use it is unsurpassed. It is a satisfactory shipper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

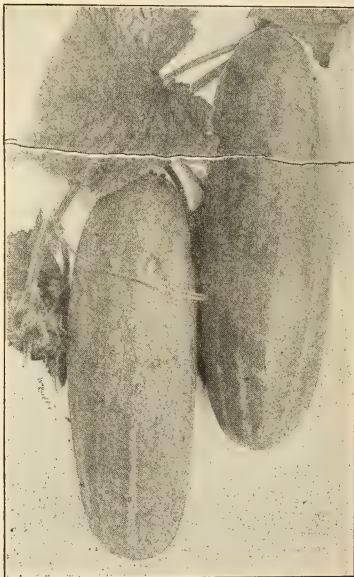
Long Green. It is vigorous and productive. The mature fruit is almost 12 inches long. The skin is of a deep green, and the flesh is solid, crisp, and of fine quality. Especially recommended for pickling. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Gherkin, or Small Burr. Grown exclusively for pickling. Always pick when young and tender. Seed slow to germinate, requiring from 10 to 12 days. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

White Spine Extra-Early. An extra-early strain of the popular White Spine. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Evergreen. Very early and prolific; deep green color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Klondike. This valuable variety is one of the best for slicing, and will produce Cucumbers similar in appearance to the hot-house grown specimen. The color is rich dark green, and the fruits grow to a uniform size, measuring about 7 inches in length and 2 inches thick when in good condition for use. It matures early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.



ARLINGTON WHITE SPINE CUCUMBER.

Endive

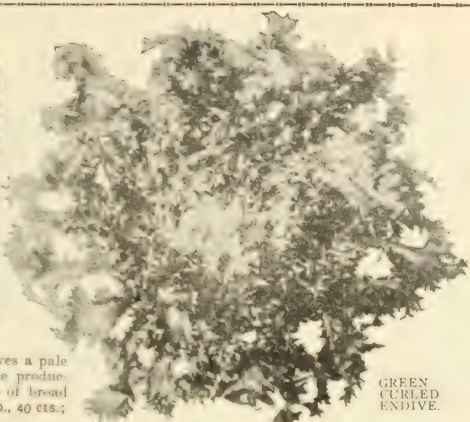
One ounce will sow 150 feet of row.

Endive is one of the best salads for fall and winter. Sow in early spring, about the middle of April, in rows about 18 inches apart. Thin to 8 or 10 plants per foot. The plants are ready for use in 10 to 12 weeks. They are very hardy and will stand more cold weather than the New York Improved. The leaves are a light golden yellow, little or no blanching is required. Very easily grown and plants may be gathered for use at any time. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.

Green Curled. Self-blanching. The best in cultivation. Much more beautiful and palatable than the old sort. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.

White Curled. As the color of the leaves is a light golden yellow, little or no blanching is required. Very easily grown and plants may be gathered for use at any time. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.

Escarole, or Broad-Leaved Batavian. Leaves a pale green; requires very little blanching. More productive than green curled. Forms large heads of broad thick leaves. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.



GREEN
CURLED
ENDIVE.

Egg Plant

One ounce Egg Plant Seed will produce about 500 plants.

Culture. Egg Plant seed should be sown very early in hotbed; the plants, being very tender, must be protected from frost, but exposed as far as practicable to light and air to harden them. Egg Plant seed will not germinate freely without a strong warm water, if they get the least chilled they seldom recover; therefore, repeated sowing is sometimes necessary.

Black Beauty. The earliest and best of all large-fruited Egg Plants. It is valuable alike to the private planter and the extensive grower for market. Black Beauty produces fruits fully as large and ready for use ten days to two weeks earlier than the New York Improved Purple. The plants branch very freely near the ground and grow in well-rounded bushes. The grand, large fruits are thick of most attractive form, as shown in the illustration. The skin is a rich lustrous purplish black—the satin gloss and rich coloring adding greatly to the beauty of these "eggs." The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color. Truckers generally are delighted with "Black Beauty." Pkts., 5 cts. and 10 cts.; oz., 65 cts.; ¼ lb., \$1.75; lb., \$6.50.

New York Improved Large Purple Thornless. In shape, color and size this egg plant is perfection; its rich, glossy, dark purple color, its beautiful form and large size make it most attractive for the markets and for shipping. Pkt., 5 cts.; oz., 60 cts.; ¼ lb., \$1.25; lb., \$6.00.

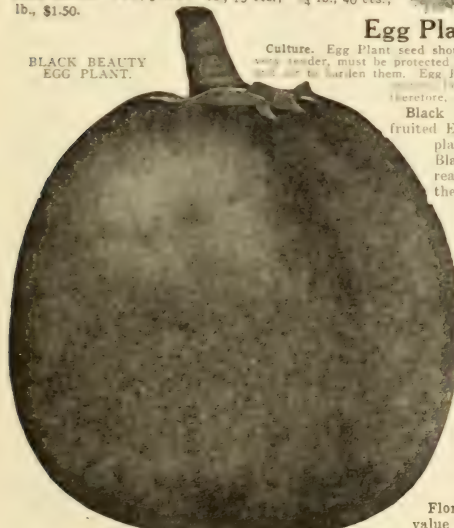
Florida High Bush. Has proved of the greatest value to the Southern truckers and shippers. It is remarkable for its vigorous growth and productive-

ness, is very hardy and will stand more cold weather than the New York Improved. The hot sun does not blight the blossoms. It grows from 3 to 4 feet high, erect and sturdy, free from thorns. Fruit is large, oblong in shape and purple, though not so deep a color as the New York Improved, but keeps its freshness and condition much longer than any other variety. Pkt., 10 cts.; oz., 65 cts.; ¼ lb., \$1.75; lb., \$6.25.

Kohl-Rabi or Turnip-Rooted Cabbage

Culture. Sow in spring, in rows 18 inches apart, afterward thinning the plants to 8 or 10 inches. If the weather is suitable, the thinning may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above ground are 2 or 3 inches through they are fit to eat, and should be used at once, being tough when old. Cook whole as turnips.

Early White Vienna. When young and tender, and properly prepared for the table, it is almost equal to cauliflower. Besides, it is a certain crop, requiring no more care or cultivation than a crop of cabbage. For an early crop sow in a hot bed early in spring, and treat the same as directions given for early cabbage. For a fall crop sow in June. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., \$3.00.



BLACK BEAUTY
EGG PLANT.



EARLY
WHITE
VIENNA
KOHLM-
RABI.

Kale or Borecole

Culture Kales are more hardy than cabbage, and make excellent greens for winter and spring use, being improved by frost. Sow from May to June and cultivate same as cabbage. One and one-half pounds to the acre. One ounce will sow 200 feet drill.

Extra Dwarf Green Curled Scotch, or Norfolk. This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of dark green color, beautifully curled and produced in great abundance. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.75.

Curled Dwarf Green. Hardy; stands the frosts of our severest winters, grows rapidly, dwarf habit, and is beautifully curled. Thousands of acres are sown in this section to supply the market. Pkt., 5 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Borecole, or Kale. This is a most beautiful kale. About Baltimore it is sown in May, and transplanted like cabbage to stand over winter. Around in Norfolk it is grown largely broadcast, like the German kale, for early shipment. It is most desirable and will continue to grow in favor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.75.

Imperial Curly Long-Standing. A beautiful curled and crimped sort, of strong, vigorous habit; perfectly hardy, bright green color, and very attractive in appearance. It will stand longer without shooting to seed than any other variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



EXTRA DWARF GREEN CURLED.

DON'T STOP PRODUCING FOOD

Authorities in Washington who know, state there are millions of people to be fed, in addition to our own population.

Join the army of food producers.

Leek One ounce to sow a drill of 100 feet.

Culture. The leek is very hardy, of easy culture, and succeeds best in a light soil. Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high transplant in a deep, rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

Extra Large Leek. It is the best. This mammoth leek is not to be compared with the old kinds. It grows much larger and is very handsome. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.75.

Broad London or Large American Flag. A very strong growing variety with large thick stems of fine sweet flavor. One of the most popular varieties with large planters. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.75.

Mustard

Mustard is one of the best greens, and a supply may easily be obtained throughout the entire season if succession sowings are made. Try Mustard cooked like Spinach. It is very easily grown and will thrive in any part of the garden. For late spring use sow in February, March or April; for fall use sow in August and September. Sow the seed in rows 8 to 10 inches apart. One ounce will sow about 100 feet of drill; about 5 lbs. is required for an acre if sown broadcast.

Southern Giant Curled. A curly leaf variety; produces large leaves; makes a very fine salad; flavor is all that can be desired. Plant in Fall for early spring salad. A popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Chinese. Differs from the preceding in that the large broad leaves are smooth and flat. The plants produce a large quantity of leaves which are delicious when cooked and served like Spinach. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.



EXTRA LARGE LEEK.

Plan Now For a Year-Round Garden !

The varieties offered cover all that we consider best in vegetables, and we suggest that you carefully keep this catalogue as a reference guide, making notations on the margin of the pages to assist you in planning your garden work throughout the season.

It is remarkable how much pleasure one may get out of their garden, to say nothing of quantities of vegetables of the finest quality.

Lettuce—Earliest Varieties

Lettuce in certain localities may be produced in a satisfactory way "the year round." As all know, lettuce makes one of our most appetizing and delicious salads. There are many varieties of lettuce, and in order to assist the planter we have carefully classified them, thus making it an easy matter to select the kinds desired.

Culture. Sow the seed in hotbeds, frames, or in the open ground. When wanted as a cut salad, sow the seed thickly in rows or broadcast.

Big Boston (Special Stock). Big, compact, tender and crisp creamy-white heads. Whether grown in the open ground for summer and fall use, in frames for spring, it invariably gives both grower and user the utmost satisfaction, producing during all seasons, under ordinarily favorable conditions, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender and sweet. Although "Big Boston" is one of the best large-heading mid-summer Lettuces, it is also peculiarly adapted for late fall culture; large areas of it may be seen in the vicinity of Washington as late as November 15th. When cut for market the leaves are as fresh, bright and untinted as in mid-summer. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Grand Rapids. This does not form heads, but makes large compact bunches of light leaves with fringed edges. Its delicious quality and handsome appearance make it most popular in winter markets of many Western cities. It is useful also for outdoor planting during spring and fall. Our stock is the best it is possible to produce. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Earliest Wayahead. Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground—in spring, summer and early fall months—it has proved to be not only the very earliest and surest heading of all early lettuces ever grown, but also of the very finest quality at all seasons. Wayahead is not only earlier than "May King" and other choice extra early varieties, but the heads are larger and more tightly folded. Outer leaves are light green, inner leaves are nicely blanched to a rich buttery-yellow tint; it stands a long time before running to seed. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



A FIELD OF BIG BOSTON LETTUCE.

Early May King. The plants are of quick growth, practically all head and extremely handsome. From early spring plantings in the open ground they grow quickly to a diameter of 6 to 7 inches with the broad, light-green outer leaves folding closely about the round solid head; in cool weather the edges of these outer leaves are lightly tinged with brown. The inner leaves (practically the entire head) are blanched to a rich golden yellow and have a specially fine, rich, buttery flavor. The round solid heads are so firmly folded that they can be shipped to distant markets and arrive in good condition. We recommend repeated plantings of this fine early variety in the spring, and again during August and September for fall use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Bolgiano's New Wonder. This new lettuce has solid round heads between 6 and 7 inches in diameter. It is hardy and very early or quick in maturing. The outer leaves are tinged with brown, but not to the extent that Big Boston is. Pkt., 5 cts.; oz., 20 cts.; 2 ozs., 30 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Boston Market, or White-Seeded Tennis Ball. While of little or no value for outdoor planting it is a splendid sort for growing under glass. Small hard heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

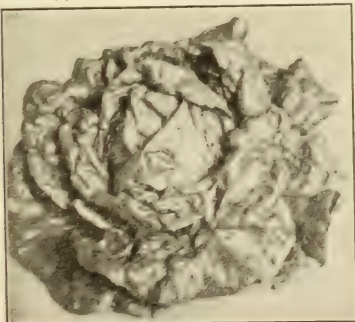
Golden Queen. One of the best first extra early head Lettuce for either open ground or frame culture, and a good forcer; medium size, solid, golden yellow heads, crisp and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Bolgiano's New Early Spring. In the early spring months this elegant Lettuce does its best, producing large, cabbage-like heads, which are uniform in size, tender and crisp. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Bolgiano's Golden Heart. (For description and prices see page 2.)

Royal White Cabbage. Very hardy, and is recommended for starting early in frames and later setting outdoors. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Dutch Speckled Butter. It produces firm small heads of excellent quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.



EARLIEST WAYAHEAD LETTUCE.

Lettuce—Loosehead, Cutting Varieties

Early Curled Simpson, or Silesia. A standard old favorite. Produces early clusters of crisp golden leaves of fine quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Black-Seeded Simpson. Recommended both for home and market gardens. The golden yellow curly leaves are crisp, tender and mild. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

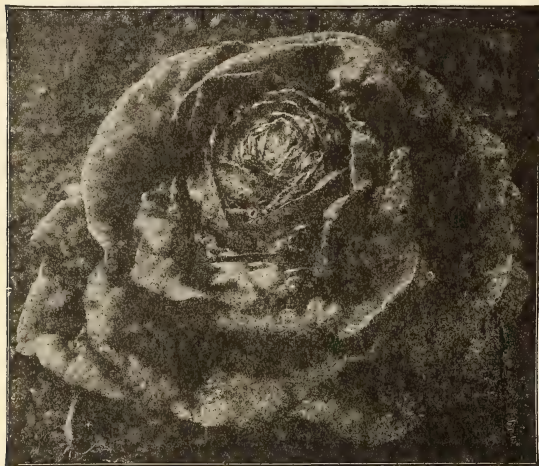
Early Prize-Head. Produces a large loose head of curly leaves with edges heavily shaded with brown. Very popular for summer use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Bolgiano's Oak Leaf. This is very desirable for summer use, withstanding extreme heat much better than many other sorts. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Lettuce—Cabbage or Butter Head Varieties

Farmer's Pride. We recommend this Lettuce, feeling that when we do we have placed in the hands of our trade one that will give the utmost satisfaction. It forms a large, solid head, slow to seed and early in forming. Its large golden heart with outside leaves of bright green makes it pleasing to the eye, and when used at the table it is unsurpassed. The leaves are crumpled and without any coarseness. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Bolgiano's White Loaf. Gilt edge stock for careful growers. The most experienced truckers pronounce our White Loaf Lettuce the best they ever grew. Lettuce in frames and outdoor is a most important item with our large truckers. To suit their purpose a Lettuce must form a reliable head, be crisp and with pleasant flavor. These qualities they find in our White Loaf, which is used in large quantities for fall and spring sowing, and makes a paying crop. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.



SUMMER KING LETTUCE.

Bolgiano's Black Seed Summer. A perfect heading outdoor Lettuce, especially during our dry, hot summer, because it is long standing and always tender and pleasant to the taste. It does equally well for forcing under glass in hot beds, cold frames, green-houses and for outdoor cultivation. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Hubbard Market. One of the very best Lettuce for planting in the fall to stand over winter, either in cold frames or outside. Makes a large, solid head, with outside leaves a delicate green, and inside head a fine light color of superior quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Improved Salamander. Especially desirable for late spring sowing. Medium sized, tender heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25 by mail postpaid.

Big Head. This produces exceedingly large heads of the finest quality. One of the largest heading varieties. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25 by mail postpaid.

Bolgiano's White Seed Summer. For a number of years there has been a demand for a first-class hard-heading Lettuce, one that would stand the heat and at the same time make a large head with a golden heart, free from bitter taste. In this Lettuce we have all these good qualities. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Mammoth Black Seed Butter. In a trial of several hundred Lettuces we were impressed with this kind for summer use. It makes a large, light green head; the leaves are slightly crimped like our White Loaf. It withstands the summer heat. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Summer King. It produces immense heads, often 15 and 16 ins. across, and heavy in weight. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust-growing variety, rooting deeply, resisting

hot, dry weather, very slow to seed and a sure header under most trying conditions. The outer color is of a distinct rich green. As a standard main summer crop, hot weather Lettuce, it is in every way desirable, but is not recommended for forcing. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Deacon. One of the best to withstand hot weather. Produces fine large heads of delicious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25 by mail postpaid.

Defiance. Another variety adapted for growing during hot weather. Produces large heads of rich buttery leaves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25 postpaid.

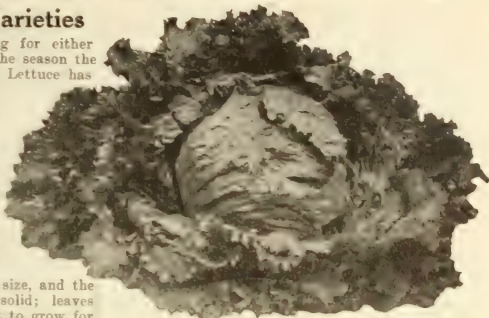
California Cream Butter. A fine variety for growing in the South for shipping North during the winter. The beautiful large heads blanch to an attractive white color, the outer foliage is dark green marked with small brown spots. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25 by mail postpaid.

Lettuce, Crisp-Head Varieties

Iceberg. This is adapted for sowing for either spring or summer use, and no matter the season the leaves are always tender. The Iceberg Lettuce has become most popular in family gardens. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

New York (Wonderful or Los Angeles). The plants are extra large and produce heads of immense size with the leaves closely folded; inner portion blanches easily, and leaves are always crisp and tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Hanson Improved. Long considered the standard in this type of Lettuce. Is uniformly sure heading; grows to a large size, and the heads blanch easily and are always solid; leaves crisp, mild and tender. One of the best to grow for the summer markets. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.



ICEBERG LETTUCE

Lettuce, Cos, or Celery (ROMAINE)

Cos Lettuce, or Romaine, as it is frequently called on some markets, is not so generally grown as it should be in the United States.

In the South, Cos Lettuce succeeds best during the early spring months, or late in the fall.

Eclipse, or Express. Very early. The plants are of stiff, erect, compact growth, and attain a height of about 6 inches. The leaves fold so neatly and tightly as to make tying up unnecessary. The head blanches to an almost pure white, and the leaves are always mild in flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Trianon (Paris Self-Folding White). Of rather tall growth and produces large conical shape heads. The long leaves blanch an almost snowy white, and are usually eaten like celery, hence it is sometimes called Celery Lettuce. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

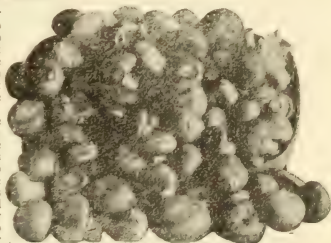


ECLIPSE OR EXPRESS COS LETTUCE.

Lettuce is easy to grow, and if care is used in selecting varieties, a supply may be maintained throughout the entire season.

Mushroom Spawn

Mushrooms may be grown in cellars, under benches or greenhouses or in any place where the temperature is 50 degrees can be kept up through the winter. The spawn should be made from November to February, according to the time the Mushrooms are wanted, and it requires about a month for them to begin growing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it over daily to prevent heating, until the pile is large enough to make a bed the required size. Three or 4 feet wide, 8 inches deep and any length is good and the proper proportions for a bed, but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and packing down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of 2 inches and cover with 3 or 4 inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given that it be at a temperature of about 100 degrees.



MUSHROOMS.

American Spawn. In bricks. Per brick, 25 cts.; 10 bricks, \$2.25; per 100 bricks, \$20.00.

With each one dollar order for Mushroom bricks, we send free a book on Culture. Books alone, 10 cts.

FREE BY MAIL. To our patrons we offer to deliver all Garden and Flower Seed by Parcel Post at Catalogue price, if order is accompanied with cash. This does not apply to Peas, Beans, Potatoes, Onion Sets and Corn, which will have to be sent by Express or Freight, charges collect. **COMPARE OUR PRICES.**

Muskmelon or Cantaloupe

Muskmelons, or Cantaloupes, may be easily grown in any good rich garden soil. A melon ripened in the home garden is generally vastly superior to those purchased on the market. One ounce will plant 50 hills; 2 or 3 pounds in hill per acre.

Culture. Melons thrive best in a rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for muskmelons, eight feet for watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each twelve to fifteen seed; after all danger of the bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

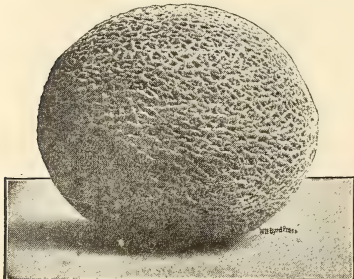
Pollock No. 25. This is now most popular in Rocky Ford, Colorado, and by many growers is considered the best of all salmon-fleshed varieties. It is very early and produces melons measuring about 6 inches long by 4 to 5 inches in diameter. The seed cavity is small and the thick flesh of a rich salmon color and finest flavor. It belongs to the solid-netted class. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

Emerald Gem. The melons weigh about $1\frac{1}{2}$ pounds and are somewhat flat at stem and blossom ends. The skin is smooth and free from netting, and is ribbed. Seed cavity small and the salmon flesh is thick and of finest flavor. Ripens early and, although too soft for distant shipping, is highly recommended for near-by markets and home gardens. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

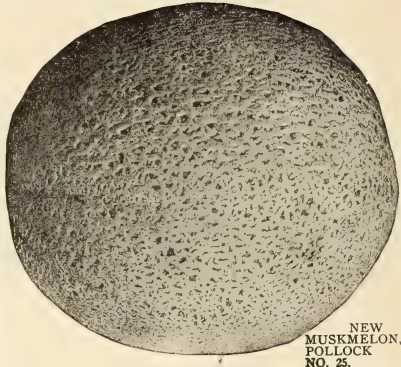
Jenny Lind. A small-fruited green-fleshed variety of finest flavor. Early and productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Maryland. It is 10 days earlier than the Rocky Ford. The vines are of a strong, healthy growth, branch freely, setting a large number of fruits close to the hill. The Melons are fine and regular in size and form nearly round or slightly oval, and very closely netted. The skin is of a light golden hue when fully ripened. Flesh bright green, luscious in flavor, and ripens close to the skin. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

"Tip Top." Ought to be planted more generally. Sweet, juicy, finest flavored, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive. Sells on sight. The fruit is of large size, nearly round, evenly ribbed and moderately netted. It is also perhaps the most productive melon known. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



POLLOCK'S NETTED ROCK.



NEW
MUSKMELON,
POLLOCK
NO. 25.

Rocky Ford, or Netted Gem. One of the best known cantaloupes in the world. When this melon was first placed on the market it made a name and a place for itself. Its fine flavor, bright green very deep meaty flesh, make it a popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Burrell Gem. Another desirable salmon-fleshed variety. Melons about same size as preceding, but they are more oval in shape, and are well ribbed. The flesh is thick and of delicious flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Paul Rose. Slightly oval in shape and about the same size as Rocky Ford with deep orange flesh which is thick and ripens close to the rind. An excellent shipping variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Bolgio's Baltimore Nutmeg. Our seed this season have been grown from the old original stock seed. The Baltimore Nutmeg is a large Green-Flesh variety, sweet as sugar. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Extra Early Hackensack. Heavily ribbed, round melons of good size, very much netted. The melons ripen early and the thick green flesh is of fine flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Sweet Air. There has not been introduced a melon as deserving to be placed in the front rank of melons as this one. All the good qualities of all other melons are combined in this melon. Full description on page 3 of Novelties for this year. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Pollock's Netted Rock, or Money-Maker. The growers in Rocky Ford have been trying to get a RUST-PROOF and BLIGHT-PROOF MELON. It is distinct in its markings, being almost entirely covered with netting, slightly larger than the Rocky Ford; very delicious in the spicy sweet cantaloupe flavor. This melon is fast becoming the leading cantaloupe of the West as well as the East. The Colorado Experiment Station has taken it up and recommends it to everyone. Nearly rust-proof and blight proof. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Honey Dew Melon. This new melon has been largely advertised. Its peculiar appearance attracts the eye. When in condition and eaten, there is nothing in the melons quite like it. A peculiar sweet pleasant taste that makes one wish his capacity was unlimited. It must be dead ripe before being prepared for the table. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Watermelon

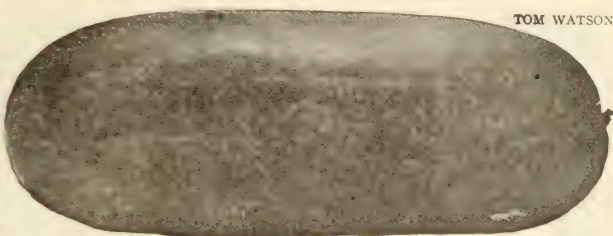
4 to 5 lbs. to the acre.
1 oz. for 30 hills.

In the planning of your garden be sure to include a few hills of Watermelons. These do not require any great effort to produce a satisfactory crop. See cultural directions on page 22 for Cantaloupes.

There is nothing more delicious on a red-hot summer day than a well-chilled Watermelon.

Tom Watson. In the Tom Watson we have a decidedly good thing directly from the State of Georgia, the "Home of the Watermelon," where the Watermelon grows to a greater state of perfection probably than in almost any other part of the United States. The Tom Watson is an extra long melon of attractive appearance, uniform in shape and quality; the luscious crimson flesh is "as sweet as honey," melting and of superb flavor. The average melon will weigh 35 to 40 pounds and measure 28 inches long and about 12 inches in diameter. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Triumph. It is a cross between Duke Jones and Kolb's Gem. Has the handsome appearance and dark green color of the former and the shipping qualities of the Gem; medium season, very prolific, deliciously sweet and of enormous size. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.



TOM WATSON

Kleckley Sweets. The finest melon for home growing and table use. Vines are strong, vigorous, and the fruits grow to large size, 18 to 20 inches long and 12 inches in diameter. Skin is a rich, dark green; flesh bright scarlet, ripening close to the rind, which is but half an inch thick, so that shipping it long distances is not practicable. Crisp, sugary, melting and entirely free from stringiness. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

Blue Gem. Grown very extensively in the South for Northern markets, and is today the favorite variety with the watermelon growers of New Jersey, who supply the Philadelphia and New York markets; it keeps well and seldom cracks or splits in transit. Its flesh is a beautiful shade of dark red. Melons very uniform in size and shape. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Ice Cream, or Peerless. Very early; red flesh. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Halbert Honey. A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seed white. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Improved Florida Favorite (White Seeded). Early. Fine quality; medium size; flesh deep red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Round Light Icing. Round; pink flesh of fine quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Jordan's Gray Monarch. Large melons; crimson flesh; late. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Cuban Queen. Solid and heavy, finest quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Kolb Gem. Large; good shipper; bright red flesh; intermediate. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Georgia Rattlesnake. Oblong, dark and striped; bright red flesh; late. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Sweetheart. Very large; light green skin; fine quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Preserving Citron. Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

One oz. will sow
30 feet of drill.

Green Okra or Gumbo

Ten pounds
to the acre.

Culture. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

Dwarf Green Prolific. This vegetable is too little grown, as its pods impart a fine flavor and consistency to soups and stews, besides being very palatable when stewed and served like a dish of asparagus. The pods can be easily dried for winter. It is universally used through the South and is as easily raised as a weed in the North. So delicious is the flavor that when once used it will be grown every year in Northern as in Southern gardens. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Improved Long Green. A very desirable sort for market gardeners; of medium height; very productive, bears long pods, which remain tender a long time and are free from hard ridges. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



IMPROVED LONG GREEN
OKRA.



THE SILVER SKIN ONIONS.—Reduced in Size.

White Silver Skin. This famous onion retains its great popularity. Its delicate and mild flavor, its shapely form and size, and its pure white color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full-size onions are grown as early as June and July. The onion sets and large onions are used for pickling purposes because of their clean, silvery white color. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

White Portugal. Fine color; mild flavor; pure white. Fine for onion sets and pickles; will grow to large size if sown thinly and kept worked. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Australian Brown. This onion has claimed an important place among growers in America within recent years, and seems abundantly able to maintain it. It is of medium size and of good quality, very early, rather flattened in shape, brown in color, and wonderfully hard and solid. It begins to form a bulb at an early period of its growth, when only a few inches high, and quickly reaches maturity. Its leading and most valuable feature, aside from its appearance and quality, is its long-keeping quality. It will literally keep for a year or more. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Southport Yellow Globe. Some gardeners claim the Eastern-grown seed produces a more solid onion than the Western-grown. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Danver's Fine Yellow. Color brownish-yellow; bulbs quite round and of good size. This is one of the varieties grown for sets, thousands of bushels of which are annually shipped from this market to different parts of the United States. They are more hardy than the whites, and keep better through the winter. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

Onion Sets

Yellow Danvers and White Silver Skin at Lowest Market Prices.

For years we have made Onion Sets one of our specialties, and this season our stock is larger and finer than ever. We are prepared to offer Onion Sets in any quantity, from one bushel to a carload. We invite you to call and inspect our sets. We will be pleased to quote prices and mail samples to any who cannot call. Prices on application.

Onion Sets by Mail. We will send by mail postpaid either Yellow or White Onion Sets at 25 cts. per $\frac{1}{2}$ lb. (about one pint) or 35 cts. per lb. (about one quart), safely packed.

Bolgiano's Selected Onion Seed

Onions rank in importance with Cabbage and Potatoes. In raising onions you have your choice as to whether you sow seed or plant sets—both ways are satisfactory. Our seed is unsurpassed and we feel sure will thoroughly please the most critical planters.

One ounce will sow 100 feet of drill; six pounds to the acre.

Culture For sets sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops die off in summer remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills, 12 inches apart and about 4 inches apart in the drills. The onions obtained by that process are of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about $\frac{1}{4}$ inch deep in March or early in April, in strong land, well manured, and thinning them out 3 to 4 inches apart in drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground. By sowing onion seed in frames in February or March and transplanting in April onions of immense size can be obtained. For this purpose Prize Taker succeeds best.

Mammoth Prize-Taker. This onion is seen on fruit stands in the fall and is the largest and handsomest onion in cultivation, and can be grown full size from seed. It keeps well, has white flesh, and mild delicate flavor. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Large Red Wethersfield. Produces beautiful thick flat shaped, rich, purplish-crimson colored solid bulbs. It always commands a good price in the market. It is a good keeper and of excellent quality. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Southport White Globe. Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are 2 to 2 $\frac{1}{2}$ inches in diameter, with a thin delicate skin of purest paper whiteness. The flesh is crisp, fine-grained, snowy white in color and very mild flavor. The bulbs should be stored in a cool, dark loft or shed to dry as soon as they are ripe enough to harvest. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

SOUTHPORT YELLOW GLOBE ONION.
Much Reduced in Size.



GREEN MOUNTAIN PARSLEY.

Used for Garnishing and Seasoning Soups, Etc.

Parsley

1 oz. will sow 100 ft. of drill.
6 lbs. to the acre.

It is wonderful the quantity of leaves a few plants will produce. In the fall lift some of the plants and re-set in six-inch flower pots or small boxes and place in the kitchen window, and thus insure a winter's supply of this valuable garnish.

Culture. Succeeds best in a mellow, rich soil. Sow thickly in April in rows 1 part and 1/2 inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from 3 to 4 weeks to make its appearance, often failing to come up in dry weather. To assist its coming up quicker soak a few hours in warm water or sprout in damp earth and sow when it germinates. For winter use protect in a frame or light cellar.

Market Gardener's Best Triple-Curled. The plant is of a very robust and free growth, and is improved by severe cutting. The leaves are very large and beautifully curled, and of a very dark green. It will stand the heat, drought and cold better than many other varieties. Pkt., 5 cts.; oz., 15 cts.; 1/4 lb., 35 cts.; lb., \$1.25.

Emerald or Dwarf Extra Curled. Leaves tender, beautifully curled; handsome, bright green color; very pretty; makes long stems. Pkt., 5 cts.; oz., 15 cts.; 1/4 lb., 35 cts.; lb., \$1.25.

Green Mountain. Hardy, immensely productive, deep velvet green. The leaves are densely curled and borne in abundance. It is exceedingly easy to grow, and with very little care anyone can have the finest parsley in cultivation. If you have but a few square feet of garden, you can raise enough parsley to supply your table. Pkt., 5 cts.; oz., 15 cts.; 1/4 lb., 40 cts.; lb., \$1.35.

One and one-half bushels to the acre.

Peas

One quart will plant 100 feet of drill.

Culture. Peas mature earliest in a light, rich soil. For general crop use a rich, deep loam or inclining to clay is best. When grown in garden sow in double rows 6 to 8 inches apart; the rows 2 to 4 feet apart. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthen up twice during the growth. The wrinkled varieties are not as hardy as the small, round sort, and if planted early should have a dry soil, or they are liable to rot in the ground. They are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens.

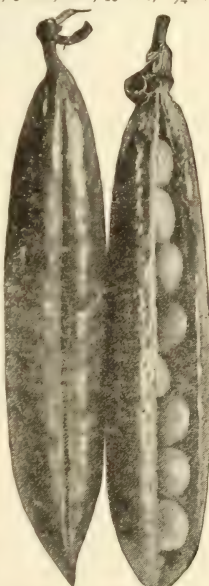
The Earliest Springtime Pea

This selected stock is by all odds the earliest large podded pea on the market. It is a wonder. The pods are from 4 to 4 1/2 inches long, and broad like the Gradus. The seeds are what is known as the round seeded variety. Because of the robust, hardy nature of the pea, it can be planted at the same time as the Alaska or other very early sort; but in appearance there are none that can compare with it of the early varieties. The vines are vigorous in growth, and grow to the height of about 3 feet, and the pods are borne in pairs. The crop in quality and quantity will please everyone who plants it. Pkt., 10 cts.; pint, 20 cts.; quart, 40 cts.; gallon, \$1.75; peck, \$3.00; bushel, \$11.00.

Extremely Early Long-Podded Alaska. An entirely new, vigorous, handsome, long-podded, delicious flavored Alaska Pea. Bound to become extremely popular, for it has all the good qualities of our Famous Extra Early Alaska Pea, and in addition it has a well-filled long pod, which will fill the basket quickly, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is an abundant yielder. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 50 cts.; 4 quarts (7 1/2 lbs.), \$1.75; peck (15 lbs.), \$3.25; bushel (60 lbs.), \$12.00.

Wonderful Extra Early. This pea has proven itself to be a decided acquisition to the list of peas. It is as early as the Alaska; bears long, well-filled pods. While not a wrinkled pea, it takes somewhat of the character of them. It can be planted as early as the Alaska—vines grow stiff and upright. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 50 cts.; peck (15 lbs.), \$3.25; bushel (60 lbs.), \$12.00.

Extra Early Gradus. The very best extra early wrinkled pea ever introduced. It produces pods equal in size to the well-known Telephone. Quality and productiveness equal to that well-known variety. The vines are of vigorous, robust growth, about 2 1/2 feet high, thick stems and luxuriant foliage; it bears large, handsome pods, with immense luscious peas, remaining sweet and tender for a long time after they are fit to pick. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; gallon, \$2.10; peck, \$4.00; bushel, \$15.00.



EARLIEST SPRINGTIME PEA.

Extra Early Alaska. The earliest of all smooth green peas, having the best color when shelled and the best quality when cooked. The dark green color of the pods make it extremely desirable, as it can be carried long distances without losing its color, which quality, combined with its earliness and uniformity of ripening, make it one of the best extra early peas for truckers and market gardeners. Pkt., 10 cts.; pint (1 lb.), 25 cts.; quart (2 lbs.), 40 cts.; peck (15 lbs.), \$2.50; bushel (60 lbs.), \$9.50.

Garden Peas—Continued

Laxtonian. This handsome new wrinkled Pea is the largest podded of the dwarf varieties on our list. The beautiful dark green pods are similar to Gradus in shape and splendid quality; are very nearly as large in size and mature a little earlier. The vines are vigorous and productive, averaging 15 to 18 inches high, foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00.

Bolgio's Extra Early Triumph. The earliest of all; uniform and productive. The success of our Extra Early Triumph Peas has been surprising. Large truckers have found it most satisfactory. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; peck (15 lbs.), \$2.85; bushel (60 lbs.), \$11.00.

American Wonder. This variety stands unrivaled in point of productivity, flavor and quality, and is without exception the earliest wrinkled pea in cultivation. It is of dwarf and robust habit, growing from 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods of finest flavor. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; peck, \$3.25; bushel, \$12.00.

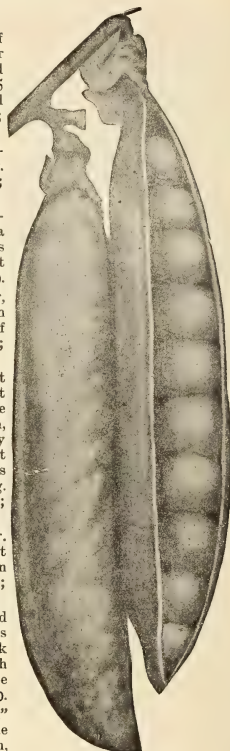
Premium Gem. This variety is nearly as early as the American Wonder, and the vine is decidedly larger, growing from 12 to 16 inches, and bearing an immense crop of peas, which are larger and invariably filled with peas of best quality. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; peck, \$3.25; bushel, \$12.00.

Extra Early Thomas Laxton. An extra-early wrinkled marrow of excellent quality, and a valuable addition to the very early varieties. It is three feet high, and somewhat more vigorous in habit than Prosperity. The pods are medium to large, blunt-ended and filled to the tip with large Peas of true, rich, "marrow" flavor. Its strong vine and heavy cropping character make it very suitable for an early crop in the private garden. It may be used to great advantage as an immediate successor to Gradus. If sown together, Thomas Laxton will be in full production just as the crop of Gradus is diminishing. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; gallon, \$2.10; peck, \$4.00; bushel, \$15.00.

Telephone. A wrinkled variety of very robust habit and a great bearer. A single vine produces from 8 to 10 unusually long, well-filled pods of largest size, containing 10 to 11 peas. It is very productive, of fine flavor and an excellent table variety; height, about four feet. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; gallon, \$1.75; peck, \$3.25; bushel, \$12.00.

Improved Stratagem. The pods are of immense size and uniformly filled with very large, dark green peas of the finest quality. All the good qualities of the old Stratagem are highly developed, and it is superior to the stock now generally sold as Stratagem. Vine medium height, but very stocky, with very broad, light green leaves and bearing an abundance of large, handsome pods. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; peck, \$4.00; bushel, \$15.00.

Juno (Dwarf Champion). For rugged, healthy vines, freedom from "sports," and reliability in cropping, Juno stands alone among the main-crop sorts. The foliage is a shade darker than any we grow. The plant is 2½ feet high, heavily branched; so robust that it needs but little support, and so vigorous that it withstands the heat of the American summer perfectly. It is a sure and heavy cropper. The pods are medium in size, but remarkably well filled and of perfect flavor. Pkt., 10 cts.; pint, 25 cts.; quart, 45 cts.; gallon, \$1.75; peck, \$3.25; bushel, \$12.50.



TELEPHONE PEAS.

Other Garden Peas

	Height. in Feet.	Pint.	Quart.	Gallon.	Peck.	Bushel.
Ameer. Exceptionally fine podded Extra Early; prolific.....	2½	\$0.25	\$0.45	\$1.75	\$3.25	\$12.00
Rural New Yorker. First-class strain of Extra Early Peas.....	2½	.25	.45	1.50	2.85	11.00
Pedigree Extra Early. Fine selection of First and Best.....	2½	.25	.45	1.50	2.85	11.00
First and Best. Fine strain of Extra Early.....	2½	.25	.45	1.50	2.85	11.00
Early Morning Star. Very early; fine crop.....	2½	.25	.45	1.50	2.85	11.00
Nott's Excelsior. Extra Early Wrinkled Pea; very productive....	1	.25	.45	1.75	3.25	12.00
Horsford's Market-Garden. Very prolific.....	2½	.20	.40	1.40	2.65	10.00
Shropshire Hero. Very productive; long, handsome pods.....	2½	.25	.45	1.50	2.85	11.00
Champion of England. A well-known standard sort.....	5	.25	.45	1.75	3.25	12.00
Heroine. Large, full pods; enormously productive.....	2½	.25	.45	1.50	2.85	11.00
Duke of Albany. One of the largest podded peas, very productive.	4	.25	.45	1.75	3.25	12.00
American Champion. Main Crop. Enormously productive, large pods, 8 to 10 peas contained in pods frequently.....	4	.25	.45	1.50	2.85	11.00

Each of the above, 10 cts. per pkt.

Peas, Edible-Podded or Sugar

Melting Sugar. Grows to height of 5 ft.; bears a profusion of large, broad pods, which are so brittle they snap without any string. Should be used in much the same way as a wax bean. Pods when cooked are very sweet and tender. Pkt., 10 cts.; pint, 30 cts.; quart, 60 cts.; gallon, \$2.00; peck, \$3.75.

Pepper

Culture. Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild sweet varieties, like Sweet Mountain, Bull Nose and Ruby King, are used for Mangos, while the small fruited sorts are best for sauces. Sow in hotbeds in March or April or sheltered border in May; when the season is favorable transplant in rows 2 feet apart and 18 inches in the row, in good, rich, mellow ground.

Chinese Giant. This monstrous fruiting variety averages 12 to 15 inches in circumference and, notwithstanding its immense size, it is very early and prolific. The stocky, well-branched plants, about 2 feet high, carry so many peppers that in places they seem bunched together. The flesh is thick, tender, mild, sweet, and unexcelled when sliced or for stuffing for "mangoes." When ripe the surface is of a brilliant, varnished scarlet. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., \$2.00; lb., \$7.50.

Red Chili. They are pointed like the Cayenne, but not so long nor so thick, and are exceedingly pungent when ripe. Requires a long, warm season. The plants should be started quite early in a hotbed. Pkt., 5 cts.; oz., 50 cts.; ¼ lb., \$1.35; lb., \$5.00.

Long Red Cayenne. A long red variety, very hot, and is generally used for seasoning soups. Pkt., 5 cts.; oz., 50 cts.; ¼ lb., \$1.35; lb., \$5.00.

Sweet Mountain. Fruit sweet and very large, often 6 inches or more in length by 2 inches in diameter; very smooth. Pkt., 5 cts.; oz., 50 cts.; ¼ lb., \$1.50; lb., \$5.50.

Ruby King. An improved American variety, reaching the largest size, often 4 to 6 inches in length and 3¼ to 4 inches thick, yet retaining the symmetrical shape of the smaller size. It is very bright colored and the flesh is sweet and mild-flavored. Pkt., 5 cts.; oz., 60 cts.; ¼ lb., \$1.65; lb., \$6.00.

Bell, or Bull Nose. Produces a very large-sized pepper, which is highly esteemed for pickling. Flesh is sweet and quite hot in flavor. Pkt., 5 cts.; oz., 50 cts.; ¼ lb., \$1.50; lb., \$5.50.



PIMENTO PEPPER.

Pimento. Undoubtedly the thickest fleshed of all Peppers. The peppers are of just the right size, measuring about 3¼ inches long by 2¼ inches across the stem, being decidedly conical in shape (see illustration), and are of a rich bright scarlet color. The meat or flesh is tender and sweet. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., \$1.65; lb., \$6.00.

Five to six pounds
for an acre.

Parsnip

One ounce will sow
200 feet of drill.

Culture. Sow as early in the spring as the weather will permit in drills 15 inches apart and ½ inch deep, in a rich, deep soil; thin out to 6 inches apart in rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

Hollow Crown Sugar Parsnip. Is the best and handsomest parsnip. It is half long, wedge-shaped, hollow-crowned, and very broad at the shoulders, easily taken out of the ground, and producing more tons to the acre than the longer and thin varieties. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50.

Two pounds to acre.

Pumpkin

Hills eight feet apart.

Culture. May be planted middle of spring, among the Indian corn or in the field or garden, in hills 8 or 10 feet apart each way, four seeds in a hill. In other respects are cultivated in same manner as melons and cucumbers. Avoid planting them near other vines.

Sweet Potato. The finest variety for table use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25.

Connecticut Field, or Large Yellow. The common field variety. Excellent for feeding. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

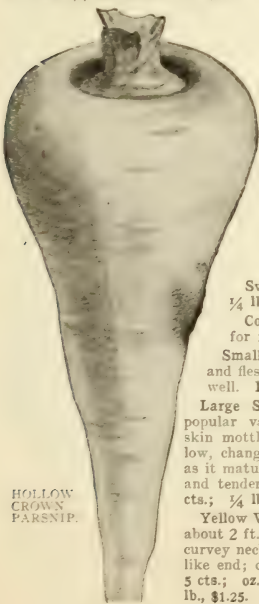
Small Sugar. A very handsome little pumpkin with deep orange-colored skin and flesh of unusually fine, sugary flavor; fine-grained, very productive, and keeps well. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Large Sweet Cheese. A most popular variety; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick and tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Yellow Winter Crookneck. Fruit about 2 ft. long, with solid, meaty, curve neck. Seed located in bulb-like end; color solid yellow. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25.



LARGE CHEESE.



HOLLOW
CROWN
PARSNIP.

Maine Seed Potatoes

Careful planters invariably pay attention to the source of supply of their seed potatoes, and know as a result of many years experience that planting stock must frequently be changed and that the best Northern grown seed is produced in Maine.

Our seed potatoes come from one of the best sections in Maine, and are as near blight resisting as any strains on the market.

If shipments are requested during severe cold weather, the tubers travel solely at purchaser's risk. When ordering seeds include a sufficient quantity of potatoes to give you a change in seed stock.

The Houlton, Maine, Seed Potatoes are universally acknowledged to be the best; grown in the cold North, where Nature conspires against all but the strongest, we get our best seed. For earliness and productiveness we are convinced that Maine-grown seed are the best, and, in the long run, cheapest. Why not take the same care in selecting your seed potatoes as you would your cabbage? Our stocks have been grown for seed purposes, and are carefully selected for yield and purity. Get our prices before you buy. We advise our trade to place their orders early this season, as we feel confident that the prices will advance very much as the planting season advances. Several have told us that seed gotten from our house yields from 20 to 25 per cent more than seed saved by themselves.

Irish Cobbler. It is one of the most reliable and is fast becoming the most popular of the early varieties. Of handsome cream white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly, and is a good keeper.

Houlton Early Rose. This is a popular potato; very early; fine quality, and very productive.

XX Early, or Early Ohio. This is a potato that comes to us very highly recommended—one of the finest; practically free from blight; rose color; productive.

Green Mountain, or State of Maine. The best main crop potato now on the market; fine yield; fine flavor; fine appearance. Free from blight and rot. Keeps well, and is always ready for the table.

McCormick. Should be planted in July and early August. It is one of the heaviest yielders.

Prices on All Potatoes at market rates.
Write for prices.

Sweet Potato Roots

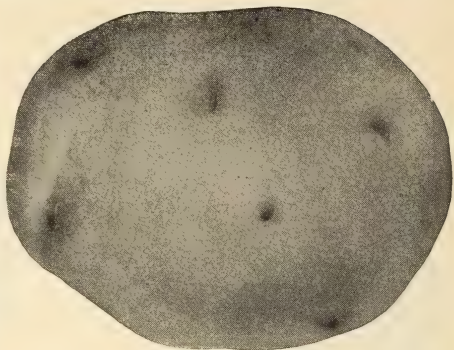
Culture. Don't wait for a rain or a "season" to set out sweet potato plants. Harrow your ground well before laying it off, then throw up the ridges higher than you want them, and if the soil is very dry allow 2 to 3 days for the moisture to rise; then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or, better, with the addition of fresh cow dung, about as thick as cream; dip the plants, in hands of about 20, into this, so that a large quantity of the mud clings to them.

Big Stem Sweet Potatoes. They are of fine size, and the yield has astonished our most critical trade. They make only a very few, and in some cases no small roots. The quality is first-class.

Jersey Sweet Potatoes. Are too well known to require any description. We get these from reliable growers in New Jersey.

Sweet Potato Plants. Rooted slips ready in May. The young plants should be set in May and June. A light soil and sunny location are preferable.

Write for prices on Sweet Potatoes.



XX EARLY POTATO.

We Have All Your Requirements

We can supply you with all the seeds, garden tools, implements for the farm and poultry supplies for which you may be in the market.

Vegetable Seeds offered are from those localities where we know the best are produced. We annually supply the most critical market growers with their entire requirements, and that our seeds are as represented is proved by the fact that these growers order year after year.

Flower Seeds, while not offered in so large a variety as found in some other catalogs, include all the best and most popular strains. We especially recommend that you include a few flowers in your order, so as to have a dash of color in your garden.

Plants cover all the popular varieties, and are mailed, carefully packed, direct from the greenhouses. All the plants are well-rooted, and we feel sure will prove satisfactory.

Clover, Grass and Field Seeds have long been a specialty with us, and we are pleased at all times to quote prices and submit samples.

Garden Tools and Farm Implements are now stored in a large warehouse, and we are, therefore, in a position to make prompt shipment by express or freight. We at all times carry a full line of repair parts.

If you are in need of insecticides and spray pumps, kindly bear in mind that we offer only what experience has proved to be the most reliable and satisfactory.

Poultry Supplies include all that is necessary for the particular poultryman, and as to prepared chicken foods there is nothing on the market better than our own brands. If interested in poultry, it will pay you to read carefully the last pages in this Catalog.

Fertilizers are very essential on the farm, especially to supplement the work of farm-yard manure. All our fertilizers are of the highest quality, and can be supplied during the season in any quantity up to carloads.



Six ounces of seed will plant 100-yard row.

Radish

Eight to twelve pounds to the acre.

Radishes are one of the most popular spring and summer vegetables, and it is easy by successive sowings to have a generous supply throughout the entire season.

We have divided the varieties into four classes, and call attention especially to the long-rooted sorts which remain in condition a long time before becoming pithy.

Suggest that you try the White Chinese Winter, sowing the seed the same time as recommended for Turnips.

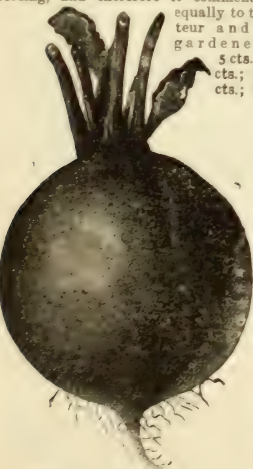
Culture. Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make quick and tender growth. Sow for very early use in hotbeds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply-dug and finely-raked soil. If not well stimulated into a rapid growth they become fibrous and tough. Sow in drills 10 inches apart and thin to 2 inches in the rows. Sow at intervals of 2 or 3 weeks until September for a succession. Sow winter varieties in July and August. Like the turnips, they make the best growth in autumn, and must be taken out before severe frost and stored away in a cool cellar in sand or in a pit where they will keep tender and crisp all winter. Before using put in cold water, which adds to their freshness.

Early Turnip and Olive-Shaped Varieties

Bolgiano's No. 2 Scarlet Globe. It is handsome in form and color, beautiful oval and rich scarlet. The amount of foliage is small, compared with other varieties, and small for the size of the radish. The peculiar merit of this variety as a forcing radish is that it will bear the heat requisite for forcing without becoming pithy or spongy. The flesh is tender, juicy and mild. It is equally as good for open garden as for forcing, and therefore it commends itself equally to the amateur and market gardener. Pkt. 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25



BOLGIANO'S
NO. 2
SCARLET
GLOBE
RADISH.



CRIMSON GIANT RADISH.

Vick's Scarlet Globe. A forcing radish. Small foliage; quick in growth; fine color and remains solid under all conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Scarlet Turnip White-Tip. It has been brought to our market in two weeks after planting, and always is a very early crop for frames and for open ground culture. Some gardeners use it in 100-pound lots. It is annually grown more and more, and is in demand everywhere. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Crimson Giant. This new radish is an entirely new type and differs radically from all the varieties hitherto in cultivation, in so far as its roots attain more than double the size of those of other turnip varieties, without getting pithy or hollow. This giant radish develops roots of 6 to 7 inches in circumference and over an ounce in weight, their pure white flesh remaining firm and crisp and of the mildest flavor, but notwithstanding the extraordinary size and weight of the roots. The seed should be sown very thinly to permit full development of the roots. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50; postpaid.

Scarlet Olive-Shaped. This radish, olive shaped, has a distinct, bright-scarlet color. The whole crop maturing at one time makes it very desirable. It is among the best shippers. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

French Breakfast. Elongated olive-shaped roots; color bright carmine with base of root and tap root clear white. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Radish, Early Long Varieties



WHITE ICICLE RADISH.

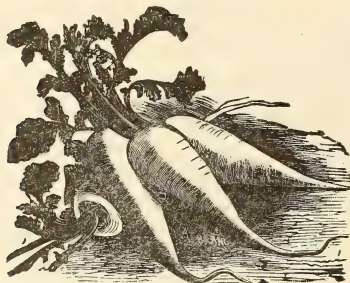
White Icicle. (See illustration.) A long Radish, transparent white, small top, allowing close planting, and are very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

The Glass. Quick growth, small top, bright color. The best forcing radish. This brilliant, uniform radish is not so large as the Long Scarlet Radish, but is similar in form and holds its size without losing its nice proportion. Market gardeners find it satisfies the market demands, and sells better than many other long radishes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Select Early Long Scarlet. This improved strain of Long Scarlet Radish is regarded by our most extensive gardeners to be the finest stock grown; for earliness, brilliancy of color and shortness of top, it cannot be surpassed, and it is the most profitable one to grow for an early crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Cincinnati Market. This fine strain of the Long Scarlet Short-Top Radish has been selected for thirty years. The tops are so small that the radishes may stand touching each other in the rows. They grow perfectly straight and smooth and from 6 to 7 inches in length; and the flesh crisp and brittle and of delightfully pungent flavor. Equally as good for the open ground. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Long Bright Scarlet, or Cardinal. Extra early, the roots being fit for use about 25 days after sowing; very bright color; quite unique; being the most fiery scarlet in any kind of radish. It is very slightly tipped with white, and the flesh is crisp and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.



WHITE STRASBURG RADISH.

Radish, Summer Varieties

These summer radishes attain a larger size and remain in good condition for a longer length of time than do any of the earlier round and long varieties.

Golden Globe Summer. Of globular form and yellow color. A splendid addition to the radish family. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

White Strasburg. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality and remains in a tender condition longer than any other summer sort. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

White Vienna, or Lady Finger. A fine long, white variety. The flavor is mild and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Chartier. Long, red radish with a white tip. Beautiful for bunching. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Radish, Winter Varieties

The seed should not be sown until about July 1st, and if the rows are kept well cultivated the roots continue to make growth until early in the fall.

White Chinese, or California Mammoth. Is as solid and juicy as an apple, pure white flesh and delicious flavor—a very choice variety. Should be sown in June and July, and is ready for use when 3 inches long, and continues to grow until it is 6 inches long. A first-class winter radish and always attracts favorable comment at the table or on the market stall. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.35.



Long White Spanish. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.35.

Round White Spanish. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.35.

Round Black Spanish. Roots round, sometimes top-shaped. Good keeper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.35.

Long Black Spanish. One of the latest and hardest radishes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.35.

China Rose, or Scarlet China. One of the most popular fall and winter sorts. Roots about 6 inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.



SALSIFY OR VEGETABLE OYSTER.

Rhubarb

Very familiarly known as the Pie Plant. The foot stalk is the portion that is used and is the first vegetable of the season from the garden; cultivated to a great extent and is indispensable wherever it is known. Sow the seed early in the spring in rows 1 foot apart on rich ground; the second year after planting they can be removed in autumn to the permanent spot allotted to them; plant the roots 2 feet apart each way in ground that is well enriched, at least 2 feet deep. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50. Roots, \$1.00 per dozen; \$6.50 per 100.

Salsify or Oyster Plant

Culture. A fine vegetable, used the same as carrots or, having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips. It is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart and 1 inch deep; thin to 6 inches in the rows.

Sandwich Island Mammoth. One of the most delicious of winter vegetables, and also one of the most nutritious; the flavor is sweet and highly esteemed. This variety, where known, is entirely superseding the old type, as it produces roots nearly double the size and weight, and of equally good quality. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

15 to 20 lbs. in drills an acre.

Spinach

Two ounces for 100 feet of drill.

Spinach has long been looked upon as the best of all the early spring greens. Owing to the war. Spinach seed has been in very short supply for the past two years, but we are pleased to state our American crops have turned out very satisfactory, and we are in a position to offer seed at very moderate prices.

Culture. This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep as early as the ground can be worked, and every 2 weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves.

Curled Long Season. A Spinach that is curled like the old standard sort, the Bloomsdale, Savoy Spinach, yet much more vigorous in growth, large and very handsome. It stands the hot summer heat and yet has tender leaves. It is positively the best Spinach to be grown in the spring and summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

True Bloomsdale Curled Savoy (Norfolk Savoy). Its growth is rapid, the leaf is properly curled, which gives it a very attractive appearance. It is the favorite with the largest growers. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Spring Spinach. The most valuable for spring sowing. Its long-standing quality makes it the best for that purpose. The foliage is very attractive, heavy dark green, curled leaves, of the true Savoy appearance. It will stand from 2 to 3 weeks after other varieties of Spinach have shot to seed. It can be planted all spring and

summer with surety of making a crop. Pkt., 5 cts.;

oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Improved Curled Long-Standing. The foliage is heavy; the broad, dark green leaves are of the finest quality.

It is in prime condition from two weeks

to three weeks after other varieties of

Spinach have run to seed. Pkt., 5 cts.;

oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Long Standing. (Thick Leaved.) The

leaves are large, thick, fleshy, and crumpled, fully equal in quality to the Savoy-

leaved. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb.,

20 cts.; lb., 65 cts.

New Zealand (Tetragonia expansa). This

is very different in character of growth,

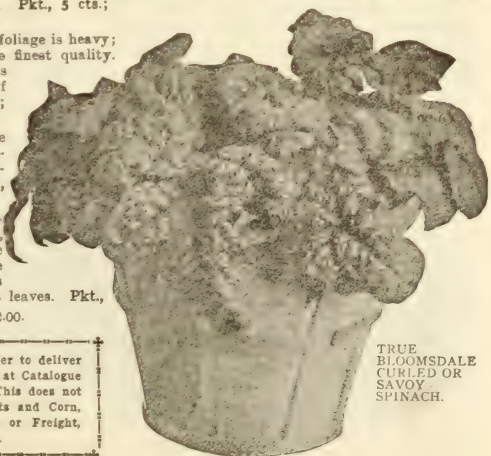
and when started early in the spring the

plants will resist hot weather and produce

right up until hard freezing weather sets

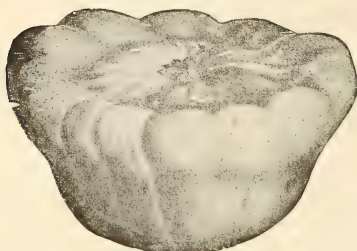
in an abundance of thick fleshy succulent leaves. Pkt.,

5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



TRUE BLOOMSDALE CURLED OR SAVOY SPINACH.

FREE BY MAIL. To our patrons we offer to deliver all Garden and Flower Seed by Parcel Post at Catalogue price, if order is accompanied with cash. This does not apply to Peas, Beans, Potatoes, Onion Sets and Corn, which will have to be sent by Express or Freight, charges collect. **COMPARE OUR PRICES.**



BOLGIANO'S EXTRA EARLY DAWN SQUASH.

Culture. Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

Bolgiano's Extra Early Dawn. It is ten days to two weeks earlier than other stocks of White Bush Squash, and commands the first Fancy Prices of the earliest market. It is very productive, and the clear white color is entirely free from any green cast. Fruits are solid and heavy, with small seed cavity, making excellent shipper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Farr's Bennings White Bush. Our stock of seed this year was raised by Mr. N. E. Farr, one of the originators of this squash. We cannot recommend it too highly. We feel that if you want earliness and beauty you can not go astray in buying this stock. The earliest squash that has come to this market from local gardeners for the past 25 years has been from this stock. Fine in appearance, of light white-green color. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Early Yellow Summer Crookneck. A desirable table sort, very early and productive—fruits when matured small crooknecked and covered with warty excrescences. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Hubbard. A superior variety and one of the best winter keepers; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored. Bakes very dry, equally as dry as the Sweet Potato. Our stock is the very best, and we don't hesitate to recommend it to the most critical planter. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Winter Crookneck. Flesh red, fine flavor, largely grown for winter use. Pkt., 5 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Squash

To the acre, 2 to 3 lbs. Large Seeded kind; Bush kinds, 3 to 4 lbs. 1 oz. Bush Varieties for 40 hills. Large Seeded Varieties, 1 oz. for 15 hills.

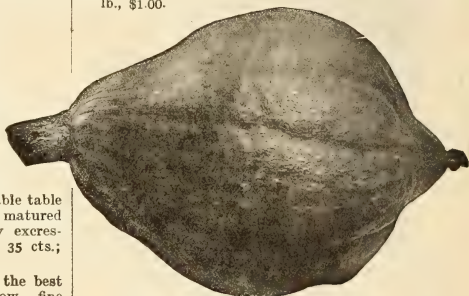
There are two kinds of Squashes—one for summer use for cooking in the tender green state, and the other for storing for winter use.

The Fordhook may be used either in the young state during the summer or put away for baking in the winter.

Owing to the high cost of meat, one should arrange for a bountiful supply of both the Summer and Winter varieties, as the former may be fried and served like egg-plant and the latter are very palatable when stewed and served alone or made up into pies.

Early White Bush Scalloped, or Patty Pan. This is the earliest, and grown almost exclusively for the first crop. The rind is hard texture, which makes it suitable for shipping, and it is exclusively grown at the South for that purpose. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Boston Marrow. A splendid winter squash of good keeping qualities. Flesh bright orange, fine grain, and unsurpassed. It is oval-shaped, and thin skin of bright orange color. For pies it is equal to the best pumpkins. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



BOSTON MARROW SQUASH.

Early Prolific Orange Marrow. A comparatively new fall or winter variety. It is shaped somewhat like the Boston Marrow, but it is a decided improvement on it, being much earlier and more productive. These characteristics will commend this variety to market gardeners, while its brilliant orange-red color and fine keeping and cooking qualities make it popular with the customer. The rind is very hard, but thin, and the flesh deep, fine grained, and of delicate quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Fordhook. This may be grown for either Summer or Winter use. It is of strong, vigorous growth and extremely productive. The fruits measure 8 to 10 inches long, have ridged smooth thin brownish-yellow skin; flesh is thick and of a light yellow color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.



GOLDEN OR YELLOW SUMMER CROOKNECK SQUASH.

HAVE YOU A FRIEND who would be interested in having a copy of this Catalog? If so, kindly favor us with the name and address, and a copy will be mailed at once.

Tomato

We prepay postage on all Tomato Seed.
6 to 8 ozs. to an acre; 1 oz. to 1,500 plants.

All our Tomato Seeds are grown expressly for seed and are the best the world produces.

Tomatoes represent another important member of the vegetable family. Every garden should have at least one dozen plants, and more if space will allow, as any surplus fruit may easily be canned. Do not overlook the small-fruited sorts—these make delicious Tomato butter.

Culture. The seed may be started in hotbed in March, sufficient plants for family use can be grown in pots or boxes indoors with very little trouble. Be particular to give plants the benefit of fresh air and sun whenever judicious, for the purpose of hardening them, and cover with mats when necessary to prevent them from freezing. The two extremes of heat and cold are equally injurious. It is customary with the best gardeners to remove the plants from hotbeds to the cold frames, allowing a distance of several inches between the plants. In May select and prepare the soil and set the plants

3 feet each way. Hoe and draw earth to the stems. When the plants crowd, the fruit will be small. Have the soil very rich. For general crop sow from the middle of April or during May, in the open air, selecting good soil in a location much exposed to the sun and sheltered by a hill or woods on the north.

Bolgiano's Best, The Great B. B. It has every good quality pertaining to the Tomato, and avoids all faults of other sorts. One of the smoothest, most solid, heaviest and most handsome Tomatoes grown. The B. B. is as solid as an apple, has no core, and the flavor is excellent. It weighs more pounds per basket than other sorts, which proves its solidity; it has a beautiful red color; the fruits are quite large. Used successfully for early and late crops. Pkt., 5 cts.; oz., 40 cts.; ¼ lb., \$1.10; lb., \$4.00.

"John Baer." In introducing this tomato we believe we are offering to our trade the best, the earliest and finest tomato ever offered to the market gardeners—fruit large, solid, weighing about 6½ ounces; great cropper and ripens over the entire tomato evenly—bright red in color and shaped somewhat like the Globe Tomato and about its size. Pkt., 5 cts.; oz., 45 cts.; ¼ lb., \$1.25; lb., \$4.50.

"Bonny Best" Early. For ten years it has been selected for earliness, solidity, smoothness and evenness of ripening up to stem. Fifteen days earlier than the Beauty Tomato, and nearly as early as the Earliana. Vigorous grower; bright red color. enormously productive, with a vigorous growth of foliage which protects the fruit from being scalded by the direct sun. Pkt., 5 cts.; oz., 45 cts.; ¼ lb., \$1.25; lb., \$4.50.

Spark's Earliana. This is a most desirable early, large, smooth Tomato. Perfect as to shape, color and quality. It is beautiful red and ripens thoroughly, even to the stem end. Almost seedless and very solid. The plants bear the fruit in large clusters and continue in bearing for a long time. Pkt., 5 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.75.

Our Tomato Seed is grown strictly for Seed purposes, and not a single pound comes from canning-house stock.

Bolgiano's "Greater Baltimore." This Tomato is the greatest success in growing tomatoes in late years. It is better than the "Stone" ever was. It has doubled the yield of many of the best cropping tomatoes you have ever grown. Smooth, well formed and deep from stem to blossom. Very heavy, due to its extreme firmness and great meatiness. Ripens evenly in the very stem; free from ridges and cracks. Fruit is large and grows in clusters. Vine sturdy in growth. Bright red color; the handsomest fruit possible to get. It matures as a main crop tomato, and continues to bear through the season. Pkt., 5 cts.; oz., 40 cts.; 2 ozs., 75 cts.; ¼ lb., \$1.10; lb., \$4.00.



JOHN BAER TOMATO.

Tomato—Continued



Stone. This variety is very large and of a bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid; is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its vines and foliage rank and robust. Pkt., 5 cts; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Bolgio's Grand. Few introductions of late years have taken as well as this GRAND NEW TOMATO. It has become a standard main crop Tomato. The large, smooth, pink fruit, makes it the finest Tomato that has come to the Washington market the past three seasons. This is no old variety with a new name, but a Grand New Pink Late Tomato. We are sure that wherever it has once been used it will be used again. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

New Splendid. A good second early Tomato. While not quite as early as the June Pink, yet it has good character and is productive. The fruit is large and continues to bear well for a long time. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Livingston's Globe. We can hardly speak too well for this Tomato; introduced in Ohio some

Bolgio's Prize-Taker. Its beautiful, glossy purplish-pink color, combined with its large size, smoothness, solidity, weight and productiveness, make it the most profitable tomato grown by the market gardener. It can be picked before it is ripe, and will ripen finely, making it one of the best shippers. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Livingston's Beauty. Fine, large, purplish pink. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Acme. Very early; good size; purple in color; good bearer. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Trucker's Favorite. A very large, purple Tomato, free from crack or rot. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Matchless. Flesh very solid, deep red color; uniform size. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Ponderosa. Largest Tomato that grows; a decidedly family favorite; less acid than others. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

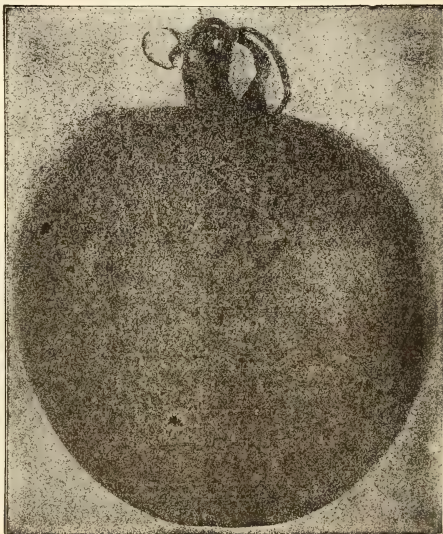
Dwarf Champion. Dwarf habit, early, prolific, pink-purplish color. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.

Golden Queen. Large, solid, bright yellow; favorite with Home gardeners; delicious flavor. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Pear-Shaped Yellow. Bright yellow color. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Plum-Shaped Yellow. Bright yellow, used for preserves. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

few years ago, it has gradually increased in demand until now it is one of the leaders. Large, purplish-pink, solid; comes immediately after the earliest sorts. Enormously productive and continues to bear large tomatoes the entire season. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.



LIVINGSTON'S GLOBE TOMATO.

Turnips

Culture. They do best in highly enriched, light, sandy or gravelly soil. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July, from which until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cool shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy, few will survive the winters of the Northern States in the open ground.

EARLY RED OR
PURPLE TOP
STRAP-LEAF
TURNIP



Yellow or Amber Globe. Vigorous grower; fine keeper. A very desirable variety, attaining large size. The roots are rather oval-shaped, flesh orange-yellow. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Yellow Aberdeen. Fine for table or cattle. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Purple Top White Globe. Our stock is the perfection of Turnips. It has small tops, but large, well formed, handsome roots. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Golden Ball, or Orange Jelly. One of the sweetest flesh yellow Turnips yet introduced; not of large size, but firm, hard, and of excellent flavor; good keeper and superior table variety; of bright golden orange color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Extra Early Milan Purple Top. Tops are very small, strap-leaf, and grow erect. Roots are small and flat; skin purple to pure white below. Flesh clear white. It's a beauty. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early Red, or Purple Top Strap-Leaf. Well-known standard, popular, early sort. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Early White Flat Dutch. Very popular for spring sowing; fine for market. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

White Egg. Very handsome; pure white; excellent for early or late. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Long Cow Horn or White French. Very heavy cropper, best for stockmen. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Improved Purple Top Yellow Ruta-Baga. Finely bred strain. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Seven Top. Very hardy; grown for leaves, which are used for salads. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Seeds of Pot, Sweet and Medicinal Herbs

All gardens should have some space devoted to the more important Pot Herbs. A few varieties are grown solely for the seed produced, which is used for flavoring cakes, bread, confectionery, etc. The young stems and leaves of the plants used for flavoring may be gathered in the green state, or in the fall the entire plant may be pulled up and carefully placed in a dry room, and thus assure a winter's supply.

	Packets.	Ounce.	$\frac{1}{4}$ Lb.	Lb.
Anise. Seeds used for flavoring.....	\$0.10	\$0.15	\$0.40	\$1.50
Basil Sweet. Culinary herb used for flavoring soups, etc.....	\$0.05 & .10	.30	.85	3.00
Caraway. Cultivated for its seeds.....	.05	.15	.40	.....
Catnip. The leaves are used for seasoning.....	.10	.30	.85	.....
Coriander. Seeds are used for flavoring.....	.05	.15	.40	.....
Dill. Mammoth. For sowing. Seeds used for flavoring vinegar.....	.05	.15	.40	1.50
Fennel Florence. Grown for the enlarged leaf stalks.....	.10	.25	.85	.....
Fennel Sweet. Leaves are used in sauces.....	.10	.25	.85	.....
Lavender. True. For oil and distilled water.....	.05 & .10	.50	1.35	5.00
Marjoram. Sweet. Is used in seasoning.....	.05 & .10	.50	1.35	5.00
Sage. Broad-leaf. A culinary herb; also used in medicine.....	.05 & .10	.50	1.35	5.00
Summer Savory. Unfortunately crop failed.				
Thyme. Broad-leaved English. Is used as a seasoning.....	.05 & .10	.50	1.35	5.00

Choice Selected Tobacco Seed

	Pkt.	Ounce.	$\frac{1}{4}$ Lb.	Lb.
Connecticut Seed Leaf. Well-known standard variety.....	\$0.10	\$0.40	\$1.10	\$4.00
Havana. Grown from imported seed.....	.10	.50	1.75	6.50
Improved White Burley. A most popular variety.....	.10	.40	1.10	4.00
Pennsylvania Seed Leaf. The variety which is so largely planted in Lancaster County, Pennsylvania.....	.05	.40	1.10	4.00

Write for Special Prices
in Quantities

Clover Seeds

Extra Cleaned
High-Grade

At the time of going to press we had hoped to be in a position to print firm prices on Clover and Grass Seed, but this is not possible, owing to decided fluctuations in the market. Kindly ask for prices, and we suggest that you purchase early, as the indications are that prices will advance considerably before spring planting time is with us.

Alfalfa, or Lucerne (*Medicago sativa*). Requires deep, rich, well-drained soil. The tap-root descends often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. It should be sown alone (about same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It may also be sown as late as August and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 feet. Price on application.

Alsike, or Hybrid (*Trifolium hybridum*). A perennial, 1 to 3 feet high, succeeding best in cold, stiff soils, and in marshy lands which are too wet for other species. It grows well, too, in high altitudes. A good honey plant for bees. Eight pounds to the acre. Price on application.

Bokhara Clover (*Melilotus alba*). Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil, may be cut three times; lasts for years if cut before flowering. Ten pounds to the acre. Price on application.

Prices on Grass Seeds

Kentucky Blue Grass (*Poa pratensis*). Fancy clean. Sometimes called June Grass, but the true June or Wire Grass is much inferior. Kentucky Blue Grass is the most nutritious, hardy and valuable of all northern grasses. If sown by itself for meadow or pasture, use about 28 pounds per acre. Write for prices.

Red Top (*Agrostis vulgaris*). In Pennsylvania and States farther south this is known as Herd's Grass, a name applied in New England and New York to Timothy. It is a good, permanent grass, standing our climate well, and makes a good pasture when grazed close. Is valuable for low, wet meadows, producing a large return in good hay. When sown alone, use about 12 pounds of the fancy seed per acre. Sow in spring or fall.

Orchard Grass (*Dactylis glomerata*). Desirable on account of its quick growth and valuable aftermath. It is ready for grazing in spring two weeks sooner than most grasses, and when fed on is again ready for grazing in a week, and will continue green when other grasses are withered by dry weather. It is palatable and nutritious and stock eat it greedily when green. A tendency to grow in tufts unfits it for lawns. It does better if sown with clover, and as it ripens at the same time, the mixed hay is of the best quality. If sown alone, about 28 pounds are required per acre; if sown with clover, half that quantity. Perennial and will last for years.

Tall Fescue (*Festuca elatior*). A valuable perennial grass, very productive and nutritious. Succeeds best on moist, heavy soil, but will do well on any good soil, wet or dry. If used alone, sow 40 pounds per acre. Inquire for prices.

Sheep's Fescue (*Festuca ovina*). A small tufted, hardy grass, forming a cluster of narrow, cylindrical leaves. It is of value in mixture for lawns on dry soils and in shady locations. Sow about 35 pounds per acre. Inquire for prices.

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). A perennial, from 2 to 4 feet high, with flat broad leaves. One of the standard European grasses. It needs rich ground and succeeds well on prairie soil. An excellent pasture grass to take the place of the wild grasses, as it yields a large amount of early and late feed. Sow about 25 pounds per acre.

Improved Evergreen Broom Corn. This variety is extensively grown on account of the color and quality of its brush, which is long, fine and straight and always green; grows 7 feet high. Sow 10 pounds to the acre in good deep dry soil. Price on application.

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and the seeds do not shatter from shattering. In Delaware it matured in 115 days, and the plants held the seed well. Write for price.

Crimson, or Scarlet (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. A native of Southern Europe; largely grown in our Southern States for improving the soil by turning under. It is a valuable crop for pasture or green manure. For hay cut when in full bloom. Sow 15 pounds to the acre. Price on application.

Mammoth, or Sapping (*Trifolium pratense perenne*). Grows nearly twice the size of the Common Red Clover, often making a stand when the other Clovers fail. Sow about 8 to 12 pounds per acre. Price on application.

Medium Red, or June (*Trifolium pratense*). This is by far the most important of all the varieties for practical purposes. Sow in Spring or Fall, and if no other Grasses are used, at the rate of 8 to 12 pounds per acre; more is required on old, stiff soils than on new and lighter ones. Price on application.

White Clover (*Trifolium repens*). Some White Clover is usually included in Lawn Grass Mixtures. It makes an excellent turf that stands constant trampling. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in Spring. In mixtures, 1 or 2 pounds; if alone, 8 or 10 pounds to the acre. Pound, 50c.

Grass Seeds

Subject to Change

Rhode Island Bent Grass (*Agrostis canina*). A valuable perennial for lawns and pasture. Much like Red Top, though smaller. Thrives on light, dry soils as well as on rich, moist ones. For lawn purposes, if used alone, it should be sown at the rate of about 40 pounds per acre; for pasture, if used alone, 24 pounds per acre.

Hard Fescue (*Festuca duriuscula*). Similar to Sheep's Fescue, but not so dense and taller; this often will cover sandy soil under the shade of large trees where no other grass will grow; is a desirable addition to lawn grass. Sow 30 pounds per acre. Inquire for prices.

Timothy (*Phleum pratense*). The most valuable of all the grasses for hay, especially in the North. Thrives best on moist, loamy soils of medium tenacity. It should be cut just when the blossom falls. Sow early in the spring or fall, at the rate of 12 pounds per acre, if alone, but less if mixed with other grasses. Inquire for prices.

Wood Meadow Grass (*Poa nemoralis*). Grows from one and one-half to two feet high; has a perennial creeping root and an erect, slender, smooth stem. Well adapted to shaded situations, such as orchards and parks, for either hay or pasture. Sow about 30 pounds per acre. Inquire for prices.

Awnless Brome Grass (*Bromus inermis*). A perennial, valuable for binding the soil of embankments and for resisting both drought and cold. On light, dry soils it is used for hay and pasture, but is not recommended where better grasses will succeed. Sow 40 pounds per acre. Pound, 30c. postpaid; for larger lots inquire for prices.

Perennial Rye Grass (*Lolium perenne*). A very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow 30 to 40 pounds per acre in spring. Inquire for prices.

Whippoorwill Cow Peas. An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Write for price.

Clay Cow Peas. A medium late variety, of running habit and strong growth. Write for price.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. It matures late and is very popular for forage purposes, also productive. Most valuable for growing in the Southern States. Write for price.

ALL GRASS SEED PRICES SUBJECT TO
MARKET CHANGES WITHOUT
NOTICE



Bolgiano's Choice Flower Seeds

Food! Will Win the War! This slogan, we think, is a familiar one everywhere, and, having this fact in mind, decided it would be only right for us to emphasize as strongly as possible the planting of vegetable seeds, and instead of War Gardens the cry now should be Peace Gardens, so as to release non-perishable food for supplying to the millions who are in danger of starving. However, with the return of "our boys" from abroad what could give them more pleasure than a walk through the garden with grandmother, mother, sister or sweetheart, pointing out this fine Aster, that brilliant yellow Calendula, dazzling scarlet Gladiolus, or enormous blossoms of Zinnias.

Produce all the food you possibly can, but leave just a small strip in the garden for a few annual flowers, which are so easily grown and are so quick to reward one's efforts with an abundance of bloom.

In order to conserve paper, the descriptions are brief and few illustrations are used, but the seed offered represents strains produced by the most careful growers, whose fields it has been our pleasure to inspect repeatedly.

Annua. Attain full growth, flower and die in one year.

Biennials. Grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

Perennials. Last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

A signifies Annual; B, Biennial, and P, Perennial.

Ageratum, Mexican Mixed. A. Lavender-blue and pure white brush-like flowers borne in great profusion. Attains height of about two feet. Pkt., 5 cts.

Alyssum, Little Gem. A. Dwarf spreading plants about four inches high and covered with a mass of white bloom. Pkt., 5 cts.

Amaranthus, Tricolor or Joseph's Coat. A. A brilliantly colored plant attaining a height of about thirty inches. Pkt., 5 cts.

Antirrhinum, Half Dwarf Mixed. A. Plants grow about two feet high and produce on long spikes flowers of large size and most attractive in coloring. Easily grown; fine for cutting. Pkt. 5 cts.

American Asters.

Asters as now grown from American seed are vastly superior to the old European types. The Aster is an annual.

Crego's Giant White. White flowers with petals resembling those of a Chrysanthemum. Pkt., 5 cts.

Crego's Giant Pink. Beautiful shell pink. Pkt., 5c.

Crego's Giant Purple. Very rich in color. Pkt., 5c.

Crego's Giant Mixed. A mixture of many colors. Pkt., 5 cts.

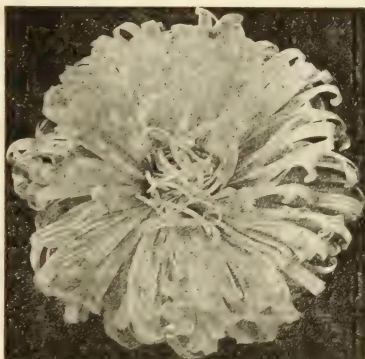
White Branching. Produces large handsome double flowers on long stems. Pkt., 5 cts.

Mary Semple. Large double flowers of a beautiful shell-pink color. Pkt., 5 cts.

Semple's Purple. Double purple flowers. Pkt., 5 cts.

Semple's Branching Mixed. A mixture containing all colors; flowers produced on very long stems. Pkt., 5 cts.

Bolgiano's Special Mixture. Many types and colors. Pkt., 5 cts.



CREGO'S GIANT WHITE ASTER.

ASTERS are one of the most popular annuals, and do well everywhere. Seed may either be planted early indoors or later in the open border. We suggest that you include some of the named varieties in your order.

Bachelor's Button (Centaurea Cyanus). A. These are also called "Blue Bottle." The flowers are of a distinct graceful beauty. All colors mixed. Pkt., 5c.

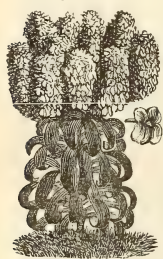
Balsam, Double Camellia-Flowered Mixed. A. These are the old "Lady Slipper," but vastly improved as to doubleness of the beautiful flowers. Pkt., 5 cts.



CALENDULA—DOUBLE MIXED.

Calendula Double Mixed. A. Does well in cool locations. Should be planted either singly or in masses. Plants grow 12 inches high, branch freely, and flower throughout the season. A fine mixture of yellow and orange shades. Pkt., 5 cts.

Calliopsis Mixed. A. Most desirable for cutting. This mixture contains many varieties. Pkt., 5 cts.



Candytuft, Giant Hyacinth Flowered White. A. Large, elongated head with pure white florets. Desirable for cutting. Pkt., 5 cts.

Campanula, Single Mixed (Canterbury Bells). P. Of most attractive growth, and the second year produce abundantly the beautiful bell-flowers in many colors. Pkt., 5 cts.

Canna Mixed. A perennial plant if roots are lifted in the fall and carefully stored during the winter. Start the seed very early. Pkt., 5 cts.

Carnation, Marguerite Mixed. P. Although a perennial, this should be treated as an annual, as from seed sown in the early spring the planter will have plants producing flowers toward the latter part of the summer. Pkt., 5 cts.

Chrysanthemum, Annual Varieties Mixed. A. They are not to be confused with the large late flowering varieties grown by florists. Easily grown from seed, and the plants flower freely until killed by frost. Many colors mixed. Pkt., 5 cts.

Cineraria, Fine Mixed. P. It is exclusively a house plant and succeeds best if the seed is sown during the summer. Pkt., 10 cts.

Clarkia Mixed. A. Contains the choicest varieties of this easily grown annual. Pkt., 5 cts.

Cockscomb, Dwarf Mixed. A. Showy dwarf growing plants bearing large velvety combs. If the combs are cut before frost they may be dried and used for winter decorations. Pkt., 5 cts.

Columbine Mixed (Aquilegia). P. If seed is sown during the summer the plants will come into bloom the following year. A fine assortment of colors. Pkt., 5 cts.

Coreopsis 'Grandiflora.' P. During the summer bears profusely golden-yellow flowers which are very useful for cutting. Pkt., 5 cts.

Cosmos, Finest Mixed.

A. If seed is sown during the spring it will produce tall growing plants, which will flower freely from September to November. Pkt., 5 cts.

Cyclamen, Persicum Mixed. P. A free-flowering plant for growing in the house. Seed should be sown early in the spring. The orchid-like blooms range in color from white to crimson. Pkt., 10 cts.

Dahlia, Choice Double Mixed. P. These grow very easily from seed, and flower freely the first season, and the roots may be kept over from year to year. Pkt., 5 cts.



COSMOS.

Daisy, Double Mixed (Bellis perennis). P. The hardy plants thrive best in cool shady places. The attractive small double flowers appear very early in the summer. Pkt., 5 cts.

Dianthus or Annual Pinks Mixed. A. The plants grow one foot high and flower profusely during the entire summer and fall months. The blooms are most desirable for cutting. Pkt., 5 cts.



ESCHSCHOLTZIA.

Eschscholtzia (California Poppy) Mixed. A. Plants of low spreading growth with cut feathery foliage and flowering during the entire summer. Pkt., 5 cts.

Feverfew (Matricaria eximia fl. pl.). A. The plants attain a height of eight inches; dark cut leaf foliage; the pure white flowers are borne on long stems. Fine for cutting. Pkt., 5 cts.

Forget-Me-Not (Myosotis Alpestris). P. Neat little plants with beautiful star-like blue flowers. It succeeds best in a moist shady location. Pkt., 5 cts.

Four O'Clock (Marvel of Peru) Mixed. A. The plants grow 2½ feet high and are practically covered with the varied colored flowers about four o'clock in the afternoon. Succeeds well everywhere. Pkt., 5 cts.

Forglove Mixed (Digitalis). P. The plants grow three feet high and bear long spikes of thimble-shaped flowers of various colors. If planted in well-drained soil will thrive nicely for several years. Pkt., 5 cts.

Gaillardia, Annual Varieties Mixed. (Blanket Flowers). A. Glorious annual plants bearing gorgeous-colored flowers. Does exceedingly well in hot dry weather. Excellent for cutting. Pkt., 5 cts.

Gaillardia Grandiflora. P. These perennial hybrids are worthy of a place in all hardy borders. The beautiful single flowers are red in the center with clear yellow markings on outer edges of petals. Pkt., 5 cts.

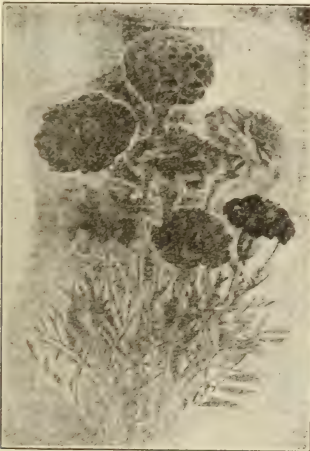
Geranium Zonale Mixed. P. Although a perennial, it is usually treated as annual when grown from seed unless the plants are taken indoors for the winter. Grows readily from seed planted indoors. Pkt., 10 cts.

Gilia Mixed. A. Suitable plants for beds or rockeries. Free blooming and succeeds well in any location. Pkt., 5 cts.

Godetia Mixed. A. Does best in cool locations. The plants bear freely attractively shaped flowers, rich and varied in colors. Pkt., 5 cts.

Helichrysum Mixed (Straw Flowers). A. This is really a double purpose flower. The plants during the late summer are most attractive with their beautiful double flowers which if picked before fully opened make fine dried blooms for winter decorations. All colors mixed. Pkt., 5 cts.

Heliotrope, Choice Mixed. P. Rather tender and will not stand cold weather. Start seed indoors and do not set plants out-of-doors until all danger from frost is past. The flowers have a delightfully fragrant perfume. Pkt., 10 cts.



FRENCH MARIGOLDS.

Marigold, Dwarf French Double Mixed. A. The bushes attain a height of 12 to 15 inches. The brilliant orange and yellow flowers blend nicely with the dark green, finely-cut fern-like foliage. Pkt. 5 cts.

Marigold, Tall African Double Mixed. A. The tall growing plants are 2½ feet high, and produce freely large double orange and yellow flowers measuring about 3 inches across. Pkt., 5 cts.

Marigold African Lemon Ball. A. Very large double flowers of a clear canary yellow. Pkt., 10 cts.

Hibiscus Mixed (Mallow). P. Of late the Mallows have become very popular, and are worthy of a place in all beds of perennials. The plants attain a height of from 4 to 6 feet and produce profusely the handsome flowers from June until fall. Pkt., 5 cts.

Hollyhock, Choice Double Mixed. B. These are best treated as biennials. One of the most showy of all hardy garden plants. The majestic plants produce magnificent long spikes bearing beautiful double flowers which measure 3 to 4 inches across. Pkt., 10 cts.

Larkspur, Annual Varieties Mixed. A. Very quick-growing and free-flowering. The varied colored flowers are produced on erect spikes. Will thrive anywhere. Pkt., 5 cts.

Lantana Mixed. P. If to be treated as an annual start plants early indoors so as to insure a fine display of bloom during the summer. It makes a splendid house plant. Pkt., 5 cts.

Lobelia Mixed. A. Especially desirable for edging flower beds, also for planting in hanging baskets, vases, etc., and in pots for house plants during the winter. The dwarf compact plants grow six inches high and are covered with beautiful star-like flowers. Pkt., 5 cts.

Lupinus Mixed. A. Very easily grown. The plant is about 12 inches high, and from this develops a long flower spike filled with small flowers. Excellent for cutting. Pkt., 5 cts.

Morning Glory, Dwarf Mixed (Convolvulus Minor). A. Dwarf growing plants bearing profusely the brightly colored funnel-shaped flowers. Pkt., 5 cts.



MIGNONETTE.

Mignonette Ma-chet. Valued most highly on account of its delightful fragrance. Thrives best during cool weather, and we recommend that a second sowing be made in August to furnish a supply of the flower heads during the fall. Pkt., 5 cts.

Nasturtium, Dwarf Mixed. A. There is nothing more gorgeous than this easily grown annual. Allow at least 15 ins. between the individual plants so as they will have ample space in which to reach perfect development. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 65 cts.; lb., \$2.00 postpaid.

Nasturtium, Tall or Climbing Mixed (Tropaeolum Majus). A. These are at their best when planted on a steep slope and allowed to run down without any training. The plants are of strong, vigorous growth and the running shoots may be trained on ordinary fences or on wire netting. Have the plants stand 8 inches apart. All colors mixed. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.50

Oxalis Mixed. P. Small plants; foliage clover-like; flowers small and very bright in color. It is better to treat it as an annual. Pkt., 5 cts.

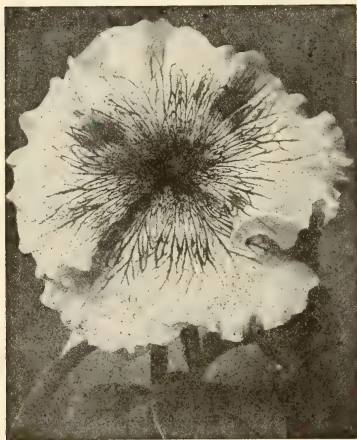
OUR FLOWER SEEDS ARE GROWN BY THE
BEST GROWERS IN AMERICA, AND ARE
AMERICAN SEEDS :: :: :: ::



PANSY LARGE-FLOWERED.

Pansy, Large-Flowering Mixed. P. One of the most popular flowers and very easily grown. Seed may be sown during either spring or fall. This mixture contains many colors blended in just the right proportion. Pkt., 5 cts.

Pansy, Giant-Flowering Mixed. P. This is made up of a selection of the finest and largest flowering varieties, and much attention has been paid to color combinations used. Pkt., 10 cts.



PETUNIA GIANT-FLOWERED.

Petunia, Giant-Flowered Mixed. A. Sow seed in boxes inside and be careful not to throw away any very small plants, as usually these produce the largest flowers. This mixture contains the brightest colors. Pkt., 10 cts.

Petunia, Bedding Varieties Mixed. A. As a bedding or border plant nothing surpasses these beautiful bright colored Petunias. Seed may be sown either inside in boxes or outdoors in the beds where the plants are to bloom. Pkt., 5 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.

Phlox Drummondii, Finest Mixed. A. Very attractive, free-flowering plants. Sow seed in the open ground as soon as danger from frost is past. Plants bloom freely the entire season. Pkt., 5 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.

Poppy, The Shirley Mixed. A. The large flowers are brilliantly colored and always attract much attention. Pkt., 5 cts.; oz., 20 cts.

Portulaca, Single Mixed. A. Fine assortment of many brilliant colors. Sow seed where plants are to bloom. Pkt., 5 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 30 cts.

Primula Sinensis Mixed. A. (Chinese Primrose.) Treat as a greenhouse annual. These make splendid winter-blooming pot plants. A fine mixture of many colors. Pkt., 10 cts.

Pyrethrum, Golden Feather. P. A very useful hardy perennial. Most desirable for edging or bordering beds filled with other plants. Pkt., 5 cts.

Ricinus, Choice Mixed (Castor Oil Beans). A. Very ornamental in growth. Recommended for lawns, massing or for center of beds. Pkt., 5 cts.



SALVIA SPLENDENS.

Salvia Splendens, or Scarlet Sage. A. Handsome bushy plants which produce hundreds of spikes of brilliant scarlet flowers during the early fall months. Seed should be sown early indoors; set plants in beds as soon as danger from frost is past. Pkt., 10 cts.

Sensitive Plant (Mimosa Pudica). P. In the garden this should be treated as an annual. A unique plant, the leaves of which close and droop even if only slightly touched with the hand. Pkt., 5 cts.

Scabiosa Mixed (Sweet Scabious). A. The growing plants are not only highly ornamental, but produce freely on long stems beautifully formed flowers of many colors. Sow seed as soon as trees are starting in leaf. Pkt., 5 cts.

Stocks, Dwarf German Mixed. A. Highly recommended as a cut flower. Sow seed in hotbed or boxes and transplant into rich soil. Pkt., 5 cts.

Sunflower. Double Chrysanthemum - Flowered. A. Positively the finest sunflower in cultivation. Plants grow 7 feet high. Flowers always perfectly double and of the brightest golden-yellow color. Pkt., 5 cts.; oz., 30 cts.

Sweet Rocket Mixed (Hesperis matronalis). P plants attain a height of 2 feet and produce panicles of white and lavender flowers. Pkt., 5 cts.

Sweet William, Double and Single Mixed. P. An old-time hardy garden favorite, and so easily grown that it should have a place in all gardens. Pkt., 5 cts.



VERBENA

Verbena, Extra Fine Mixed. P. Best treated as an annual. Grows readily from seed. The flower trusses are most attractive and the colorings are beautiful. Pkt., 5 cts.



GIANT FLOWERED ZINNIA

Zinnia, Giant-Flowered Mixed. A. Of late Zinnias, or Youth and Old Age, as they are frequently called, have become very popular. Easy to grow and in bloom throughout the entire season. Pkt., 5 cts.



TALL NASTURTIUMS

Annual Climbing Vines

These hardy annual climbers are very easy to grow, and it is remarkable how quickly the vines attain a great height. Any of the varieties are suitable for covering unsightly fences, etc.

Balloon Vine, or "Love-in-a-Puff." An attractive climber of quick growth and bears profusely inflated seed capsules. Pkt., 5 cts.

Balsam Apple (Momordica Balsamina). A. A rapid growing vine producing apple-shaped fruits. Pkt. 5 cts.

Canary Bird Vine. A. (Tropaeolum Canariensis.) A very attractive climber, producing freely fringed yellow flowers. Pkt., 5 cts.

Coboea Scandens. A. A rapid grower with fine foliage. Beautiful violet-colored bell-shaped flowers. Pkt., 5 cts.

Cypress Vine Mixed. A. Finely cut fern-like foliage from which protrudes hundreds of star-like flowers. Of very quick growth. Pkt., 5 cts.

Moonflower. A. So called because it has the characteristic of opening its flowers during the late afternoon and evening. The large pure white flowers contrast beautifully with the heavy dense foliage. Pkt., 5 cts.

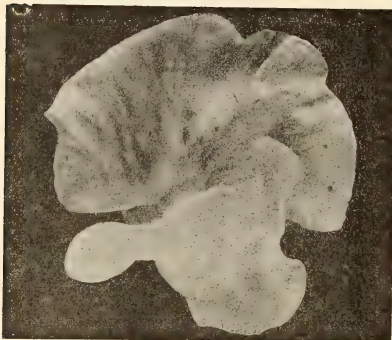
Morning Glories Mixed. A. These are easily the most popular of all our annual climbers. Simply scatter the seed where you wish the plants to grow. Pkt., 5 cts.; oz., 15 cts.

Morning Glory, Imperial Japanese Mixed. The flowers are extra large in size and of many colors. Pkt., 10 cts.

Nasturtium, Tall Mixed. See page 39.

Gourds, Ornamental Mixed. A. Easily grown and the many odd and curious fruits are always a source of delight to both young and old. Pkt., 5 cts.

Thunbergia Mixed (Black-Eyed Susan). A. Neat foliage. Vines are of rapid growth and produce freely white, yellow, and orange flowers, each with a black eye. Pkt., 5 cts.



Sweet Peas

Sweet Peas have been frequently referred to as the poor-man's Orchid solely because of the abundance of blooms, the colors which may be likened to those found in the rarest Orchids.

America for years has been looked upon as headquarters for seed of this beautiful climbing annual, and with the result that there is now in cultivation hundreds of named varieties.

We are fortunate in having close acquaintance with all the noted producers of Sweet Pea seed, besides coming in contact with those Florists who make a specialty of this popular flower. We have gone over the long list of varieties repeatedly and now offer under color classification what we consider the best of their respective classes.

Culture. Sweet Peas should be sown in drills as early as possible in spring in rich, friable soil. Prepare the bed thoroughly digging in a quantity of well-rotted manure, if it can be done, making a furrow 1 to 6 inches deep. In this sow the seed and cover 2 inches deep. As soon as the plants begin to show through fill in the furrow. This will secure a deep planting without the bad effects of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As fast as the flowers come into full bloom they should be cut off, for if the pods are allowed to form the plants will stop blooming. In the selection and growing of our Sweet Peas we have obtained the services of one of the leading expert Sweet Pea growers in the world, who has made the growing, propagation and developing of grand, new, elegant varieties of Sweet Peas one of the highest aims of life. We, therefore, commend our extra-superior varieties to you with the assurance that if you plant them you will have, without exception, the finest collection of colors and varieties of Sweet Peas of any one in your locality.

Spencer or Orchid-Flowering Sweet Peas

White					Pkt. Oz. ¼ Lb. Lb.				
King White	\$0.10	\$0.25	\$0.75	\$2.50					
Constance Hinton .....	.10	.25	.75	2.50					
Cream or Yellow					Lavender				
Clara Curtis .....	.10	.25	.75	2.50	Florence Nightingale	\$0.10	\$0.25	\$0.75	\$2.50
Isabel Malcolm .....	.10	.35	1.00	3.50	Tennant Spencer .....	.10	.25	.75	2.50
Queen Victoria Spencer .....	.10	.25	.75	2.50	Blue				
Cream Pink					Margaret Madison .....	.10	.25	.75	2.50
(Delicate pink on cream ground)					Wedgwood .....	.10	.25	.75	2.50
Margaret Atlee .....	.10	.25	.75	2.50	Royal Purple .....	.10	.30	.85	3.00
Mrs. Routzahn .....	.10	.25	.75	2.50	Maroon				
Light Pink					Nubian .....	.10	.25	.75	2.50
Elfrida Pearson .....	.10	.25	.75	2.50	King Manoel .....	.10	.25	.75	2.50
Deep Pink					Bi-Color				
Countess Spencer .....	.10	.20	.60	2.00	(Pink and White)				
Hercules .....	.10	.25	.75	2.50	Blanche Ferry Spencer .....	.10	.25	.75	2.50
Salmon Pink					Mrs. Cuthbertson .....	.10	.25	.75	2.50
Doris Usher .....	.10	.25	.75	2.50	Picotee Edged				
Rose					Dainty Spencer, white edged pink .....	.10	.25	.75	2.50
George Herbert .....	.10	.20	.60	2.00	Mrs. Townsend, white edged blue .....	.10	.25	.75	2.50
Rosabelle .....	.10	.25	.75	2.50	Mrs. C. W. Breadmore, cream edged pink .....	.10	.25	.75	2.50
Crimson or Scarlet					Delicate Pastel Shades				
King Edward Spencer .....	.10	.25	.75	2.50	Agricola .....	.10	.25	.75	2.50
Scarlet Emperor .....	.10	.25	.75	2.50	Charles Foster .....	.10	.25	.75	2.50
Orange					Striped or Variegated				
Fiery Cross .....	.15	.50			America Spencer .....	.10	.25	.75	2.50
Helen Grosvenor .....	.10	.25	.75	2.50	Senator Spencer .....	.10	.25	.75	2.50
Thos. Stevenson .....	.10	.20	.60	2.00	Superb Mixed Spencers. This mixture not only contains all the above, but also a host of other varieties, all blended together in just the right proportion				
Salmon						.10	.20	.60	2.00
Barbara .....	.10	.30	.85	3.00					
Sterling Stent .....	.10	.25	.75	2.50					

The Best Grandiflora Sweet Peas

In spite of the vast superiority of the Spencer or Orchid-Flowered Sweet Peas, we find there are some planters who still prefer the older or Grandiflora types.

Our list includes all the best varieties in the different color classifications.

	Pkt.	Oz.	¼ Lb.	Lb.		Pkt.	Oz.	¼ Lb.	Lb.
White					Blue				
Dorothy Eckford	\$0.05	\$0.10	\$0.30	\$1.00	Navy Blue	\$0.05	\$0.10	\$0.30	\$1.00
Nora Unwin .....	.05	.10	.30	1.00	Maroon				
Yellow					Black Knight .....	.05	.10	.30	1.00
Hon. Mrs. E. Kenyon .....	.05	.10	.30	1.00	Othello .....	.05	.15	.50	1.75
Light Pink					Bi-Color				
Prima Donna .....	.05	.10	.30	1.00	(Pink and White)				
Dark Pink					Blanche Ferry .....	.05	.10	.30	1.00
Janet Scott .....	.05	.10	.30	1.00	Picotee Edged				
Rose					Dainty, white edged pink.....	.05	.10	.30	1.00
Prince of Wales.....	.05	.10	.30	1.00	Striped or Variegated				
Crimson or Scarlet					America .....	.05	.10	.30	1.00
King Edward VII.....	.05	.10	.30	1.00	Aurora .....	.05	.10	.30	1.00
Queen Alexandria .....	.05	.10	.30	1.00	Helen Pierce .....	.05	.10	.30	1.00
Orange					Best Large Flowering Mixed.				
Miss Willmott .....	.05	.10	.30	1.00	A carefully prepared mixture				
Salmon					containing all the best Ameri-				
Henry Eckford .....	.05	.10	.30	1.00	can and Eckford Grandiflora				
Lavender					varieties				
Lady Grisel Hamilton.....	.05	.10	.30	1.00		.05	.10	.25	.85
Mrs. Geo. H. Higginson, Jr. ....	.05	.10	.30	1.00					

Eight Charming Spencer Sweet Peas for 25 Cts.

Sweet Peas are each season becoming more and more popular. Sow seed as early in the spring as the soil can be made ready and bear in mind the fact that the more blooms you cut the more the vines will produce.

Dainty Spencer. White
with pink edge.
Elfrida Pearson. Beauti-
ful pink.
Florence Nightingale.
Soft lavender.
George Herbert. Bright
carmine.

King Edward Spencer.
Fine scarlet.
King White. Best white.
Margaret Atlee. Attrac-
tive salmon pink.
Superb Mixed Spencers.
Many colors.

Eight Spencer Sweet Peas for 25 Cts.

In this collection we include the best
in the different color classifications.

Ten Beautiful Flowers for 25 Cts.

Nothing adds more charm to the home surroundings and, although we all realize the necessity of increasing the supply of food, yet no one should begrudge giving a small space in the garden to these brightly-colored annual flowers.

Alyseum Little Gem
Antirrhinum Half-Dwarf
Mixed (Snapdragons)
Aster Bolgiano's Special
Mixture
Calendula Double Mixed
Eschscholtzia Mixed
(California Poppy)

Four O'Clock (Marvel of
Peru)
Gaillardia Mixed
Larkspur Mixed
Marigold African
Double Mixed
Petunia Bedding
Varieties Mixed

25 Cts. buys all the above ten varieties of the most attractive annual flowers. All are easily grown and will furnish a supply of bloom throughout the entire season.

Please Note Carefully Positively no changes can be made in the different collections. By putting up large quantities at one time permits our offering the seeds at these very special prices.

Bolgiano's Summer-Flowering Bulbs

These summer-flowering bulbs are very easily grown, and during the summer furnish for the house and table beautiful blooms for decorating purposes. They are not particular as to soil so long as it is fairly rich.

Apios Tuberosa (Tuberous-rooted Wistaria). Produces clusters of purple flowers of a delightful fragrance. Tubers, 5 cts. each; 6 for 25 cts.; 12 for 50 cts., postpaid.

Caladium Esculentum (Elephant's Ear). The large leaves attain an enormous size and the single plants are most effective as individual specimens on the lawn. 15 cts. each; 12 for \$1.50.

Cinnamon Vine. A hardy climber, which grows very rapidly. The foliage is bright green in color and the white flowers are cinnamon-scented. 5 cts. each; 6 for 25 cts.; 12 for 50 cts., postpaid.

Gladiolus America. The beautiful lavender-pink flowers are borne on long stems and are firmly placed on the spike. 8 cts. each; 12 for 75 cts., postpaid.

Gladiolus Augusta. Spikes of attractive blooms, in color white with blue anthers. 8 cts. each; 12 for 75 cts., postpaid.

Gladiolus Mrs. Francis King. Large spikes of beautiful light scarlet flowers. 8 cts. each; 12 for 75 cts., postpaid.

Gladiolus Victory. Flowers are of a clear sulphur-yellow color with the ends of the petals suffused pink. Spike tall and erect. 10 cts. each; 3 for 25 cts.; 12 for 85 cts., postpaid.

Gladioli, Capital City Mixture. This is a special mixture comprising all the most desirable colors. The tall stalks carry long spikes of beautiful flowers. Very easily grown. 6 for 15 cts.; 12 for 25 cts.; 50 for 85 cts., or 100 for \$1.50.

Hyacinthus Candicans. Yucca-like foliage. Plants grow four feet high and produce several spikes of beautiful white flowers. Each 10 cts.; 12 for 85 cts.

Madeira Vine. A very quick growing vine bearing fragrant white flowers. 5 cts. each; 12 for 40 cts.

Excelsior Pearl Tuberosa. Deliciously fragrant white flowers. Plant in the garden as soon as all danger from frost is past. 5 cts. each; 6 for 25 cts.; 12 for 45 cts.; 25 for 85 cts., or 100 for \$3.00.

For Cannas and Dahlias see Plant Section, page 47.

Fall Bulbs such as Tulips, Hyacinths, Narcissus, etc., will reward the planter with a beautiful display of flowers during the spring months. If you are interested in spring flowering bulbs, kindly advise us, and we shall file your name for a copy of our Fall Price List, which will be mailed early in the fall.

Buying Seeds by Mail

If you have ever spent minutes, frequently fractions of hours, of useful time waiting your turn at a seed counter during the spring months, you will probably realize the advantage of purchasing your supplies of seed by mail.

In the quiet of your own home during the long winter evenings it is quite easy to sit down and note on the margins of this catalog the varieties and quantities of seed you require, and then when spring approaches make out your order (using preferably order sheet enclosed herewith), and with the cash enclosed, mail to us and receive within a day or so the seeds, neatly packed and ready for sowing the minute the soil is prepared.

Seeds have to be produced one or two years before they are offered for sale, and in this respect differ from a manufactured article, which may be replaced when the supply is exhausted by simply making more; but when the stock of certain seeds becomes exhausted, they cannot be replaced until after a new harvest. It is to your interest to send us your order early, so that you may take advantage of full stocks.

Washington is so located as to place us within easy reach of planters everywhere, as with the satisfactory parcel post system now in operation, the merchandise mails travel safely and quickly.

Get at planning that garden as soon as convenient, and if you come across any perplexing questions, write, and we shall be only too glad to try and assist you.

Bear in mind we can make shipments by freight (rail or water), express or parcel post, just as you may prefer.

Without being too persistent, let us again urge the necessity of placing your order early, for while we have ample stocks of seed to meet the usual demand, we must bear in mind that the war has interfered also with our experienced employees.

There never was a time when we have been more anxious to supply our trade with the very best seeds that the world produces. Europe is hungry, and the man power of this country is limited. It is your patriotic duty to produce food.

FREE BY MAIL. To our patrons we offer to deliver all Garden and Flower Seed by Parcels Post at Catalogue price, if order is accompanied with cash. This does not apply to Peas, Beans, Potatoes, Onion Sets and Corn, which will have to be sent by Express or Freight, charges collect. **COMPARE OUR PRICES.**

Bolgiano's Collection of Vegetable Seeds

These collections have been prepared with two ideas in mind. First. To provide planters of small gardens at a low cost what we consider the most desirable vegetables and flowers (for Flower Seed collection see page 43) for their purpose. Second. To acquaint thousands of planters with the quality of Bolgiano's seeds.

Five Vegetables for 25 Cts.

BEAN
Burpee's Stringless
Green Pod

BEEF
Bolgiano's Early Eclipse

CARROT
Selected Oxheart

LETTUCE
Bolgiano's New Wonder

RADISH
Bolgiano's Scarlet Globe

The above five packets sent by mail postpaid for 25 cts. The varieties are suitable for planting in the smallest back yard.

Twelve Vegetables for 50 Cts.

BEANS
Fordhook Bush Lima
Pencil Pod Black Wax

BEEF
Wonderful Early
CABBAGE
Pe Tsai or Chinese

CARROT
Chantenay
SWEET CORN
Golden Bantam

LETTUCE
Early May King
Bolgiano's White Leaf

ONION
White Portugal

PARSLEY
Green Mountain

RADISH
Long White Icicle
SWISS CHARD
or Spinach Beet

For 50 Cts. we send by mail postpaid one packet each of the twelve vegetables named above. We have included two most desirable new vegetables—Swiss Chard and Chinese Cabbage. The former might be called an everlasting Spinach; while the mid-ribs of the leaf are palatable when cooked like Asparagus. The latter, from seed sown early in August in the open ground, quickly produces fine tender heads, which may be used as salad or cooked like Cabbage.

Bolgiano's Dollar Collection of Vegetable Seed

Here is a collection for one dollar which gives the planter a most complete assortment of vegetables, and with average results in the garden should repay many times the cost of the investment. For \$1.00 we send carefully packed one packet each of:

BEANS
Burpee's Stringless
Green Pod
Fordhook Bush Lima
Pencil Pod Black Wax

BEEF
Wonderful Early
Crimson Globe
CABBAGE
Bolgiano's New Early

CARROT
Early Golden Ball
Danver's Half-Long

SWEET CORN
Golden Bantam
Country Gentleman

CUCUMBER
Davis Perfect

KALE
Imperial Curly Long
Standing

LETTUCE
Earliest Wayahead
New York

MUSK MELON
Rocky Ford
Water Melon
Kleckley Sweeties

MUSTARD
Southern Giant Curled

ONION
White Silver Skin
Mammoth Prize Taker

PARSLEY
Green Mountain

PARSNIP
Hollow Crown

PEAS
Long Podded Alaska
American Wonder

RADISH
Crimson Giant Globe

SALSIFY
or Vegetable Oyster
Mammoth Sandwich
Island

SPINACH
Bloomsdale Curled Savoy

SQUASH
Early Yellow Summer
Crookneck

SWISS CHARD
or Spinach Beet

TOMATO
John Baer

TURNIP
Red Top White Globe

Thirty Packets for \$1.00 In these times when living costs so much, this collection gives an opportunity for all to cut the cost. A Complete Vegetable Garden for One Dollar.

Please Note Carefully

very special prices.

Positively no changes can be made in the different collections. By putting up large quantities at one time permits our offering the seeds at these

PLANT SECTION

Some firms are sending out mailing size roses that are hardly more than rooted cuttings; we do not handle that kind; our plants are grown in 3-inch pots, are strong and vigorous and ready to bloom at once. These are sent to you postpaid at the prices quoted. It will be better, however, for you to have them come by express, as all the soil can then be left on the roots, which is a great advantage.

Our two-year Roses were all in bloom last summer, and are wintered outdoors, where they have an entire rest; these are not like the exhausted hot-house plants sold by some; they go by express at your expense at the price given.

Hardy Hybrid Tea Roses

Price of all Tea Roses: 1-year mailing size, 20 cts.; strong 2-year plants, 50 cts.

American Beauty. Large crimson flowers.

Bessie Brown. White, sometimes flushed pink.

Betty. Coppery rose, suffused golden yellow.

Cardinal. A fine red for open ground.

Dean Hale. Intense salmon pink.

Duchess of Wellington. Saffron yellow, changing to deep coppery yellow as the flowers develop.

Etoile de France. Rich, velvety crimson.

General McArthur. Brightest crimson scarlet.

Irish Fireflame. A combination of yellow, bronze and red shades.

Jonkheer J. L. Mock. Bright pink, faced with carmine.

Killarney. Exquisite shade of deep shell-pink.

La France. Silvery rose, shaded pink.

Madam Constant Souper. Deep yellow edged with feathered deep pink.

Madame Carolin Testout. Brilliant, satiny rose.

Madame Jules Grolez. A distinct shade of cherry red.

Mrs. A. R. Waddell. Large yellow flowers.

My Maryland. One of the finest pink roses.

Radiance. Rich silvery pink.

Red La France or **Duchess of Albany.** Beautiful carmine red.

Rhea Reid. Vivid scarlet crimson.

Richmond. Brilliant scarlet crimson.

Sunburst. A blending of orange-copper, golden-orange and golden-yellow.

White American Beauty. Purest white.

White Killarney. Clear white.

White La France. White, frequently tinted with fawn.

Wm. R. Smith. White overlaid with clear, bright pink.

Wm. Shean. A beautiful shade of pink.

Virginia R. Coxe. Velvety crimson, shading to brilliant scarlet.

Striped La France. Variegated bright rose on pink ground.

Triomphe de Pernet Pere. Magenta red, shading to light crimson.

Wellesley. A clear rose-pink.

Rambler Roses

Price, strong mailing size, 20 cts.; 2-year plants, 50 cts.

While these do not bloom continuously, they are covered during their blooming season with a wealth of flowers of various shades. The sight of a large Rambler Rose in full bloom is one long to be remembered—a wealth of color shown by no other class of plant.

Climbing Crimson Baby Rambler. Brilliant crimson.

Philadelphia Crimson Rambler. Flowers of an intense crimson color.

Crimson Rambler. The original variety.

Dorothy Perkins. Lovely shell-pink.

Lady Gay. Delicate cerise-pink.

Thousand Beauties. Changes from a soft pink to a carmine-rose on the reverse side.

White Dorothy. Pure white.

Tea Roses

This class of Roses is distinguished by a delicate tea fragrance and an absolutely ever-blooming habit. Most varieties are not so hardy as the Hybrid Tea class, but they may be carried through the winter even in the Northern States with careful protection, banking up with soil probably being the most satisfactory method. The Cochet varieties are nearly or quite as hardy as the Hybrids. Price of all Tea Roses: 1-year mailing size, 20 cts.; strong 2-year plants, 50 cts.

Bon Silene. A deep rose.

Burbank. Very deep pink.

Golden Cochet or **Helen Good.** Delicate yellow, suffused pink.

Helen Gould. Rich crimson.

Golden Gate. Creamy white tinged with golden-yellow.

Freiherr Von Marschall. Extremely bright red.

Madame Francisca Kruger. A deep coppery-yellow.

Marquie de Querhoent. Golden-yellow, shaded coppery salmon.

Mrs. B. R. Canty. Dark carmine flushed rose.

Pearl of the Gardens. A beautiful rich yellow.

Safrano. Bright apricot-yellow.

Souvenir de Pierre Nolting. Apricot yellow, shaded carmine rose.

Pink Maman Cochet. Rich pink, changing to silvery rose.

White Maman Cochet or **Priscilla.** Pure white.

Hybrid Perpetual Roses

Price: Strong mailing size, 20 cts.; heavy 2-year plants, 50 cts.

Roses of this class are perhaps the most valuable for permanent planting, since they are perfectly hardy, show the greatest size of flower and bush, and make the most vigorous growth.

Although they are called Hybrid Perpetuals, they produce a great number of blooms in their season and then give only scattered blooms until fall, except in the case of a few varieties which have a second season of beauty near the end of the growing period.

For those who desire to plant a rose that will last a lifetime, the Hybrid Perpetual is recommended. As a rule they do not require winter protection, and once planted they increase in size for years with ordinary care.

Black Prince. Rich dark crimson.

Anne de Diesbach (Glory of Paris). Deep rose.

Chlo. Flesh color, shaded rosy pink in center.

General Jacqueminot. Rich velvety crimson.

Giant of Battles. A brilliant rich red color.

Gloire Lyonnaise. Salmon-yellow, shading deeper at the center.

J. B. Clarke. Intense scarlet, shaded crimson maroon.

Jubilee. Red shading to deep crimson.

Magna Charta. Clear rosy red.

Mme. Masson. In color a very bright rose.

Mrs. John Laing. A clear, shining pink.

Paul Neyron. Beautiful clear pink.

Prince Camille de Rohan. Velvety crimson, shading darker as the flower ages.

China Roses

Price of these six kinds, mailing size, 20 cts.; strong 2-year plants, 50 cts. each.

These are the Roses of our grandmother's days, but on account of their sterling qualities they are still popular and are worthy of planting in any garden. The range of color is considerable, and their absolute hardiness, ease of culture, fragrance and adaptability to adverse conditions make them popular and valuable varieties.

Champion of the World. Clear pink.

Clothilde Souper. Soft shell-pink.

Duchess de Brabant. Bright rose, with coppery center.

Hermosa. Peashing shade of soft pink.

Queen's Scarlet. Bright, fiery scarlet.

Souvenir de La Malmaison. A beautiful flesh color.

Everblooming Climbing Roses

Price, strong mailing size, 20 cts.; 2-year plants, 50 cts.

Climbing Clothilde Souper. Ivory-white.

Climbing Killarney. Deep shell-pink.

Climbing Meteor. Rich velvety red.

Climbing Paul Neyron. A fine pink color.

Climbing Jules Gravaux. White tinged with bluish pink, with a yellow base.

Empress of China. Soft red, becoming a brighter shade as the flower ages.

Gloire de Dijon. Creamy amber tinted bluish.

Mary Washington. Medium sized flowers are pure white.

Mrs. Robert Peary. The large flowers are pure white.

Reve D'Ore (Climbing Safrano). A deep saffron color.

White Microphylla. Pure white.

Implements

will be found offered on pages 48 to 54; Harness and other necessary articles for the horse on pages 55 and 56; Pumps and Garden Accessories on pages 57 and 58; Insecticides on page 59, and for Poultry Supplies see pages 60 to 66.

We can supply Everything for the Garden and Farm.

When we started business, in 1889, we had no idea that in thirty years we would be occupying a large store and a very large warehouse, both of which have been built by us especially for our business. We have facilities for handling Seed, Bulbs, Plants and Roots superior to any in our city and not excelled by any house in the country. SEEDS THAT SUCCEED is our motto.

Cannas

These wonderful bedding plants give uniformly good results in all sections of the country. They succeed in any sunny portion, in any kind of soil, but will repay liberal treatment. For best results spade the beds 2 feet deep, and incorporate in the soil a liberal amount of well-decayed manure of any kind. Water well at all times. The best effect is given by planting large masses of one color, setting the plants 18 inches apart. All the plants are pot-grown, and are ready to start growing at once.

The Choicest Orchid-Flowering Varieties

Allemania. Enormous flowers; broad golden border, scarlet and dark red; 5 to 6 feet tall. Price, 10 cts.

Austria. Large, bold, erect; deep golden, dotted carmine. 5 to 6 inches across; 5 to 6 feet tall. Price, 10 cts.

Louisiana. Strong, vigorous; vivid scarlet flowers, the largest and finest of their color. 7 feet tall. Price, 10 cts.

King Humbert. 6 inches diameter, gigantic trusses; orange-scarlet, red markings. 5 feet. Price, 15 cts.

Mrs. Kate Gray. Massive foliage; flowers orange-scarlet, overlaid; vivid scarlet flowers, the largest and finest of their color. 7 feet tall. Price, 10 cts.

Pennsylvania. Flowers 6½ inches in diameter, in panicles; vermilion, overlaid with orange. 6 to 7 feet tall. Price, 10 cts.

Selected List of Other Cannas

J. D. Eisele. Vermilion, overlaid orange. 4 feet. Price, 10 cts.

Jean Tissot. Intense brilliant vermilion, shaded orange. 5 feet. Price, 15 cts.

Mme. Crozy. Golden, edged bright scarlet. Price, 10 cts.

Richard Wallace. Canary-yellow; large flowers, in well-branched, upright trusses. Price, 15 cts.

Robusta. A giant; immense tropical foliage. 8 feet; small blooms. Price, 10 cts.

Secretaire Chabanne. Salmon. 4 feet. Price, 10 cts.

Boffinger. Bright orange scarlet; heavy truss. 4 feet. Price, 10 cts.

Buttercup. Buttercup-yellow; large flowers in open trusses. Price, 10 cts.

Childs's. Golden-yellow, spotted red. Price, 10 cts.

Chrysanthemums

Queen of the Autumn

In May or June prepare boxes 4 to 5 inches deep, leaving ample cracks for drainage. Fill the box with a compost, three parts decomposed sod or garden soil and one part cow-manure, well rotted. Add one pint each of bone meal and wood-ashes to each bushel of compost and mix well. Set young plants in two rows, 8 to 10 inches apart; train to single stem and stake. Place the box in sunny position; water as needed. Disbud, leaving but one to each plant, selecting the best specimen. Mulch with well-rotted manure. Keep plants growing vigorously. Toward frost, place in sunny window in cool room with night temperature of 45 degrees.

THREE EXTRA-EARLY CHRYSANTHEMUS.

Golden Glow. Beautifully incurved; bright, golden yellow; 5½ inches. Bloom September 1 to 10. Price, 25 cts.

Monrovia. A few days later; colors about the same; petals narrower. Price, 25 cts.

October Frost. Large, incurved; nearly white, tinged lemon-yellow. Price, 25 cts.

One each of the above three for 60 cts.

Pompom Chrysanthemums

Excellentia. Large, white.

Fair Haven. Pearl-pink.

Little Pet. Bright red.

Rebecca. Orange-yellow.

Sunshine. Yellow.

Oban. Silvery pink.

Palmyra. Rose pink; one of the very best.

Price, 10 cts each.

Nine Late Introductions in Chrysanthemums

Chas. Rager. Fine pure snow white with grand stem. Price, 20 cts.

Clementine Tousey. The "Early Chadwick." Largest white for its date, October 12. Lasting; splendid stem and foliage. Price, 15 cts.

Dr. Engelhard. True pink, without purple. Stem and foliage perfect; mid-season; 6½ inches. 15 cts.

Gen. Hutton. Yellow and orange. 4½ feet high; mid-season. Price, 15 cts.

Mrs. W. B. Chamberlain. Pink; valuable for cutting. Price, 15 cts.

Sunburst. Petals deep yellow, shading paler at tips; enormous. Price, 25 cts.

White Bonaffon. Waxy white. Price, 15 cts.

William Duckham. Deep, dark, clear pink; flower 9 inches in diameter. Price, 15 cts.

Chysolora. Bright yellow; stem strong enough to hold up its monster blooms. Price, 15 cts.

One each of these nine giant kinds, \$1.20.

Varieties of Special Merit.

F. J. Taggart. Perfectly double; light yellow. Fine exhibition variety.

Golden Wedding. Globular flowers.

Lavender Queen. Outer petals reflexed, center erect; silvery lavender-pink.

Major Bonaffon. Clear yellow, full in center; 8 inches diameter; nearly as deep.

Marie Liger. Japanese. Extra large; pearl-pink, deepening to rosy lavender.

Ministre Olanesco (Bruit). Very large; rosy violet, heavily plumed.

Mrs. Coombes. Enormous reflexed flower; broad petals; light rose.

Timothy Eaton. Pure white. A prize-winner.

All the above at 15 cts. each.

Dahlias

The Dahlia is of the earliest possible culture. Plant in good soil in the full sunlight, and keep the ground well worked or mulched, and you will be repaid by showers of bloom. When the frost kills the tops, lift the roots and place in any cellar where they will not freeze. We offer strong, pot-grown plants that will bloom early and continuously, and be far more satisfactory than roots, which we do not sell.

Four New Giant Dahlias

For size, coloring, form and vigor of growth, these varieties are in a class by themselves.

Price, 25 cts. each; the four for 75 cts.

Cuban Giant. An immense, full-double, quilled Dahlia, 6 to 7 inches in diameter. Color dark, glowing crimson.

Gegantea. A light-yellow decorative flower of largest size.

Mrs. Roosevelt. Even larger than Cuban Giant. Decorative form, full and double. Color, a delicate shade of pink.

Souvenir de Gustave Douzon. A pure scarlet decorative variety of mammoth proportions; will produce flowers 6 to 9 inches across.

Six Superb Double Show Dahlias

A. D. Livoni. Beautiful clear pink; of perfect form. Price, 15 cts.

Emily. Rosy lavender tinted to white, suffused lavender; beautiful and striking. Price, 15 cts.

Ethel. Extremely large, pure yellow, tipped with white. Price, 15 cts.

Grand Duke Alexis. The petals are rolled up so that the edges overlap. Pure white, distinctly tinged delicate pink. Price, 15 cts. each, 25 cts. for 2.

Lucy Fawcett. A very large, quilled bloom; sulphur-yellow, lightly striped and blotched carmine; sometimes clear yellow. Price, 15 cts.

Pendant. Flowers immense, measuring 6 to 7 inches across. Color deep rose-pink, striped and penciled with rich crimson. Price, 15 cts.

Superb New Cactus Dahlias

Charm. Yellow at base of petals, then red, with heavy white tips at edges; long petals; blooms freely.

Blitz. Brilliant crimson.

Brunhilde. Rich plum color; loosely arranged, long petals; an exceptionally fine flower and very free.

Countess of Lonsdale. A peculiar but pleasing blend of salmon-pink and amber; flowers freely under all conditions.

Country Girl. Deep golden yellow, bright amber tips; the bold flowers appear very early.

Ernest Chase. One of the best crimson Cactus Dahlias; free bloomer.

Exquisite. Pure orange-scarlet, with salmon shading; truly lovely. Remarkably free blooming.

Keyne's White. A finely formed pure white Cactus Dahlia.

Lyndhurst. One of the best bright scarlets; invaluable for cutting; large, perfectly full center; long stems.

Standard Bearer. Brightest scarlet. Plant dwarf, branching; profuse bloomer.

Price, 15 cts. each.

One each of the above ten varieties, by mail, \$1.25.

Twelve Choicest Decorative Dahlias

Catherine Duer. Flowers measure 6 to 7 inches in diameter; open out flat, showing no center. Petals broad and well formed; color beautiful, glowing red. A strong, robust grower.

Clifford W. Bruton. The best yellow. Immense size, perfect form, finest canary-yellow. Tall.

Eloise. Medium to large, full and regular; ground-color bluish pink, shading to white; each petal margined deep, glowing crimson.

Fire Rain. A very free-blooming, brilliant red Dahlia.

Frank L. Bassett. Bright royal purple, shading to blue. The nearest approach to a blue Dahlia.

Henry Patrick. A superb, large, white variety, borne on long, stiff stems.

John Bragg. Will produce more blooms than any other variety grown; flowers large, dark red, almost black; grows 6 feet high.

Matchless. Dwarf and branching, strong and vigorous. Flowers large; rich crimson, overlaid dark, velvety maroon; early and profuse bloomer.

Nymphs. Clear, light shrimp-pink, tinted toward center. One of the best.

Striped Banner. Cardinal-red, striped white.

Jack Rose. Brilliant crimson red, similar to the popular "Jack" rose.

Wm. Agnew. Rich, dazzling carmine red; a very large, showy variety and one of the very best.

Price, 15 cts. each.

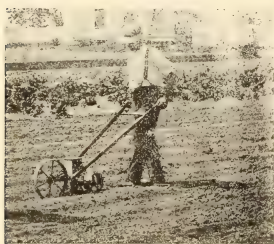
One each of the above twelve varieties, \$1.50.



Planet Jr. Garden Tools



We offer these Tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden of size that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better.



The Planet Jr. Seed Drill in Operation.

No. 3 Hill Dropping and Drill Seeder only. Capacity, 3 qts. Price, \$18.00.

No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe. Price, \$19.00.

No. 4 Hill and Drill Seeder. Price, only \$15.00.

No. 5 Hill and Drill Seeder. Capacity 5 qts. Has 16½ inch drive wheel. Price, \$20.50.

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete. Price, \$22.50.

No. 19 Single Wheel Hoe with Hoe Cultivator and Plow. \$5.75.

No. 18 Single Hoe, two 6-inch hoes. Price, only \$5.75.

No. 31 Combined Drill Seeder and Single Wheel Hoe. Price, \$12.50.

No. 31d As a Drill Seeder. \$10.00.

No. 16 Single Wheel Hoe, 1 plow, 2 hoes, 3 cultivator teeth, 2 rakes and leaf lifter. Price, \$10.00.

No. 17 Single Wheel Hoe, 1 plow, 2 hoes, 3 cultivator teeth. Price, \$8.25.

No. 17½ Single Wheel Hoe, 2 hoes, 3 cultivator teeth. Price, \$7.00.

No. 33 Single Wheel Hoes, with five extra tools. Price, \$6.00.

No. 12 Double Wheel Hoe, 2 plows, 2 hoes, 4 cultivators and leaf lifters. Price, \$12.00.

No. 13 Double Wheel Hoe, has two 6-inch hoes. Price, only \$8.50.

No. 11 Double Wheel Hoe, 2 plows, 4 hoes, 4 cultivator teeth, 2 leaf lifters and 4 rakes. Price, \$15.50.

12-Tooth Harrow, as illustrated. Price, \$19.50.

12-Tooth Harrow without Pulverizer. Price, \$16.25.

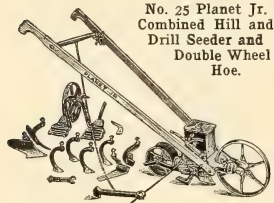
No. 8 Horse Hoe and Cultivator, with depth regulator and expander. Price, \$19.50.

No. 9 Horse Hoe and Cultivator, plain, with wheel. Price, only \$16.75.

Fire-Fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid tool for the kitchen garden. Price, \$3.50.



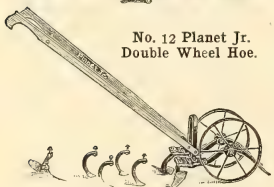
The Planet Jr. in Vegetable Garden.



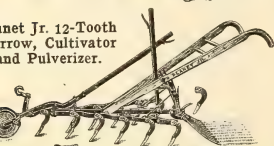
No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe.



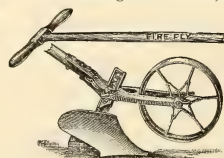
No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe.



No. 12 Planet Jr. Double Wheel Hoe.



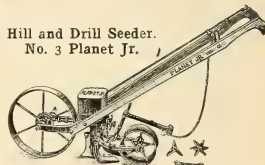
Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer.



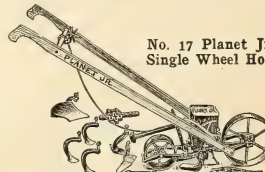
Planet Jr. Fire-Fly Hand Plow



No. 4 Planet Jr. Combined Hill and Drill Seeder and Single Wheel Hoe.



Hill and Drill Seeder. No. 3 Planet Jr.



No. 17 Planet Jr. Single Wheel Hoe.



No. 9 Planet Jr. Combined Horse Hoe and Cultivator.

The New Planet Jr. Catalog, Illustrating a Complete List of Tools, Mailed On Application

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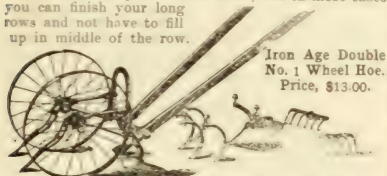
Imp'd Robbins Potato Planter

Price, with Fertilizer Attachment, \$120.00.

The only 100% Potato Planter. Four styles of furrow opening plows are made—you can have your choice—in each case the soil is left loose on each side of the furrow—no packing. The four styles are: Shield Opening Plow, Single Disc Opening Plow, Double Disc Opening Plow, Wing Shield Opening Plow.

Larger Size Fertilizer Distributor.

It will hold a 167-pound sack of fertilizer—you don't have to stop and fill so often, and in most cases you can finish your long rows and not have to fill up in middle of the row.



Iron Age Double
No. 1 Wheel Hoe.
Price, \$13.00.

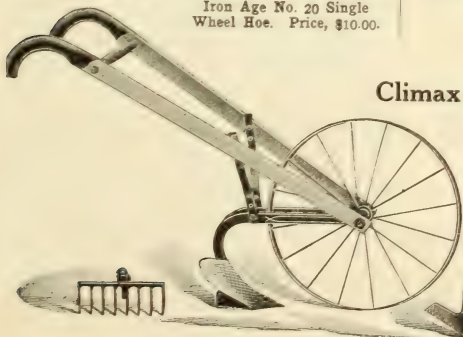
Iron Age Double No. 1 Wheel Hoe. Price, \$13.00.



No. 6 Combined Double and Single Wheel Hoe, Hill and Drill Seeder. Complete, \$22.00.



Iron Age No. 20 Single
Wheel Hoe. Price, \$10.00.

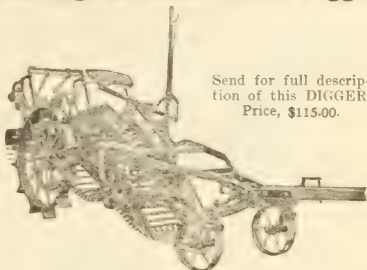


Climax Hand Garden Plow

There has always been a demand for a small garden plow that would come within the price, making it possible for the small gardener to purchase. These plows have all the tools or parts necessary to the perfect working of a garden—for instance, it has a plow for hilling and working the garden early in the spring; it has a cultivator and a hoe; also, a pulverizing rake. Complete in every detail. We have sold them by the hundred to pleased customers.

Price, No. 1, \$3.50.

Iron Age Elevator Potato Digger



Send for full description of this DIGGER.
Price, \$115.00.

Gem Single.
Price, \$8.50.



Iron Age No. 4 Combined
Wheel Hoe and Drill.
Price, \$21.00.



Iron Age 308
Seeder Only.
Price, \$19.00.



The South Bend Chilled Plow

Standard Through the World.

High Mold-Board prevents clogging and cleans furrows in loosest land.



	Steel Beam.	Wood Beam.
No. 63.—One Horse Plow.....		\$8 50
No. Bl.—One Horse Plow.....	\$11 00	9 50
No. 2.—Light Two Horse.....	13 50	12 00
No. 2½.—Light Two Horse.....	16 00	14 50
No. 3.—Medium Two Horse.....	17 50	16 00
No. 4.—Regular Two Horse.....	21 50	20 00
No. 10.—Large Two Horse.....	22 50	21 00
No. 151.—Three Horse Cast Beam.....	21 50	
No. 151.—Three Horse Wood Beam.....	20 50	

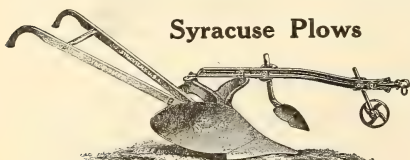
Oliver Pattern Plow



Right and Left-Hand. Full line of One, Two and Three Horse Plows.

	Steel Beam.	Wood Beam.
No. A.—One Horse Oliver Pattern.....		\$7 00
No. B.—One Horse Oliver Pattern.....		8 00
No. 10.—One Horse Oliver Pattern.....		9 50
No. 13.—One Horse Oliver Pattern.....		10 00
No. 19.—Two Horse Oliver Pattern.....	\$14 00	13 50
No. 20.—Two Horse Oliver Pattern.....	15 00	14 50
No. 40.—Three Horse Oliver Pattern.....	16 50	15 75

Syracuse Plows

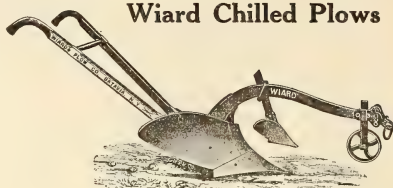


No. 20-1878.—Medium Two Horse; furrow, 5 to 8 ins. deep, 11 to 14 ins. wide; weight, plain, 136 lbs. Price, \$19.50.

No. 30-1878.—Three Horse; furrow, 6 to 9½ ins. deep, 14 to 16 ins. wide; weight, plain, 172 lbs. Price, \$23.50.

No. 1362.—Medium Two Horse; furrow, 5 to 8 ins. deep, 11 to 14 ins. wide; weight, plain, 132 lbs. Price, \$21.00.

Wiard Chilled Plows

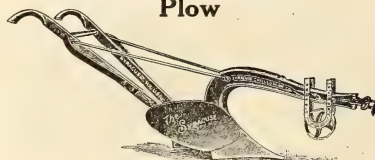


Steel-Beam Plow. Wiard No. 72.

The Wiard Plow has been made without lapse since 1804, and hence the Wiard Plow Works have the prestige of being the oldest continuous manufactory of Plows in America, and, so far as known, the oldest on the globe.

No. 62.—One Horse Wood Beam.....	\$ 8 00
No. 13.—One Horse Wood Beam.....	11 00
No. 10.—One Horse Wood Beam.....	13 50
No. 19.—Light Two Horse Wood Beam.....	18 00
No. 16.—Medium Two Horse Wood Beam.....	19 00
No. 73.—Light Two Horse Steel Beam.....	16 00
No. 72.—Medium Two Horse Steel Beam.....	19 00
No. 91.—Three Horse Steel Beam.....	20 00

Syracuse Contractors' Plow



Hard iron wearing parts. Extra heavy beam, share and strip. Steel wheel frame. Loop handle wear irons. Will turn a furrow 5 to 9 inches deep and 12 to 15 inches wide. An excellent Plow for general grading purposes. No. 1, Contractors' Two or Four-Horse, weight, with wheel, 205 lbs. Price, \$27.00.

Left Hand.

No. 35.—Three Horse; furrow, 6 to 10 ins. deep, 14 to 17 ins. wide; weight, plain, 170 lbs. Price, \$25.00.

No. 2-1878.—Share and Landslide. Price, \$19.00.

No. 1-1878.—Share and Landslide. Price, \$20.00.

Right Hand.

No. 7.—Medium Two Horse; furrow, 5 to 7 ins. deep, 10 to 13 ins. wide; weight, plain, 130 lbs. Price, \$22.00.

No. 15.—Three Horse; furrow, 6 to 10 ins. deep, 14 to 17 ins. wide; weight, plain, 170 lbs. Price, \$25.00.

No. 3-1878.—Light Two Horse; furrow, 4 to 6 ins. deep, 9 to 12 ins. wide; weight, plain, 112 lbs. Price, \$18.00.

No. 10-1878.—Three Horse; furrow, 6 to 9½ ins. deep, 14 to 16 ins. wide; weight, plain, 167 lbs. Price, \$23.50.

Wholesale and Retail.

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Wiard Road or Contractors' Plows



The cut illustrates the No. 65 Plow, which is very substantial, and is heavy enough for ordinary road or contractor's work when used with 2 or 4 horses.

A Cast Iron Point, made from the best quality of charcoal iron, very strong and heavy.

A Forged Crucible Steel Point. This point is made very heavy, and is strong and durable, and can be forged or drawn by any blacksmith.

In ordering always specify which style of point is wanted on the plow.

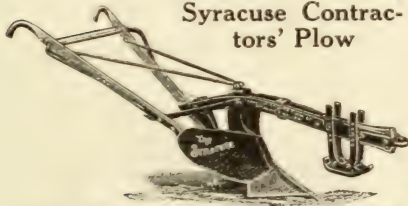
The Shoe or Wheel as shown separate in cut can be attached, but is not sent with plow unless ordered.

No. 65.—Medium; weight, 200 lbs.

Price, with wheel, \$27.00.

Price, without wheel, \$25.00.

Syracuse Contractors' Plow



No. 99.—Syracuse Four to Eight Horse Contractors' Plow; weight with shoe, 310 lbs. This plow is equipped with a steel truss beam, steel moldboard and landslide, separate shin piece. Heavy overlaid wrought steel share, adjustable shoe in place of wheel. Loop handle wear irons; very strongly built; suitable for severe grading purposes in shale or hard-pan. Price, \$45.00.

Wiard Pavement or Rooter Plow

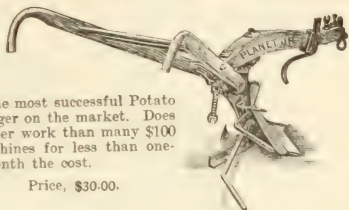
No. 67.—Four or Six Horse; weight, with clevis, 250 lbs. This Plow has great strength and is adapted to contractors' work and for tearing up cobblestone or McAdam pavements.

The Beam is made of charcoal cast iron, very strong and heavy. The tendency to wear off the lower front end of the Beam in this class of Plows is entirely overcome by a separate shoe casting attached to the beams at this point, which can be replaced at slight expense when worn; this often saves the cost of the beam.

The Point is 32 ins. in length and one inch thick, and is made from the best quality of forged steel. It is wedge-shape and pointed at both ends. The Point can be extended when it becomes worn by removing the bolts and adjusting towards the front. It can also be reversed end for end, making a point that has strength, durability and great wearing qualities. It can be forged or drawn by any blacksmith.

The handles are made of steel, strongly braced, being a new departure, as heretofore handles for this style of Plow have been made of wood and were easily broken. Price, \$40.00.

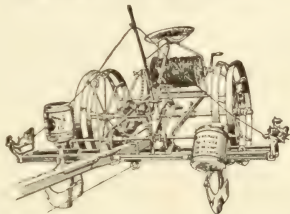
Planet Jr. White Potato Digger



The most successful Potato Digger on the market. Does better work than many \$100 machines for less than one-seventh the cost.

Price, \$30.00.

New No. 15 Black Hawk Variable Drop Planter



All Black Hawk Planters fitted with adjustable drop plates, when so ordered. Write for prices.

Our Special new feature in this planter is that we not only get an accurate number of kernels in each hill, but we get the number of kernels in each hill which the quality of the soil is able to bring to perfect maturity.

Barrows



No. 2.—Syracuse Steel Tray Canal.....	\$7 50
No. 120.—Syracuse Wood Tray Canal.....	3 25
No. 75a.—Syracuse Steel Tray Mortar.....	9 00
No. 80a.—Syracuse All-Steel Mortar.....	11 25
No. 85a.—Syracuse All-Steel Mortar.....	10 50

Syracuse Steel Drag Scraper

Contractors' Supplies

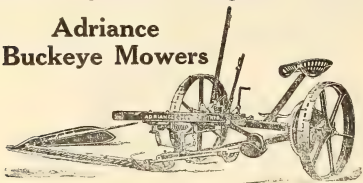


No. 1.—Cap. about 7 cu. ft. of earth, 98 lbs.	\$14.00.
No. 2.—Cap. about 5 cu. ft. of earth, 90 lbs.	\$13.50.
No. 3.—Cap. about 3 cu. ft. of earth, intended for use of single horse, 85 lbs.	\$13.00.

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We carry Repairs for all leading makes of Mowers.

Adriance Buckeye Mowers



Our system of gearing has been used by us since 1857. Bevel and spur gear is employed in accordance with the most scientific mechanical usage to secure the greatest durability and the best results with the least expenditure of power.

3 ft. 6 in. cut.....	\$70.00—1 horse
4 ft. 6 in. cut.....	80.00—2 horse
5 ft. cut.....	81.50—2 horse

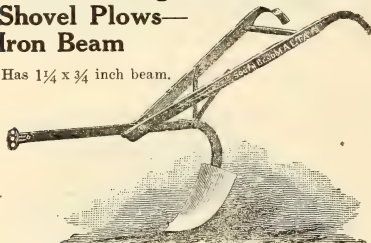
Roller Bearings. The rollers in our bearings are in cages, which keep them in line with the axle, and also prevents them from falling out if for any reason the bearing is removed from its place. The value of a roller bearing depends upon securing and maintaining the absolutely parallel relation of shaft and rollers and a good fit to shaft and casing.

Milwaukee Mowers

For years this mower has stood at the head of the list for general work. We cannot say too much for it. Light draft, reliability of work, fewness of repairs, evenness of cut. All combine to make this mower a leader. Catalogues on application.

"Malta" Single and Double Shovel Plows— Iron Beam

Has $1\frac{1}{4} \times \frac{3}{4}$ inch beam.



Double Shovel Plow, \$5.00. Single Shovel Plow, \$4.00.

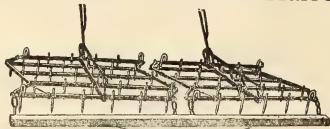
Bolgiano's Improved Three-Row Marker



Has three chilled shoes, or runners, with steel wings, bolted on, and may be easily replaced when worn. The frame is made of seasoned oak. The runners may be changed by loosening two bolts, to mark furrows 28 to 48 inches apart.

Price, with pole for two horses, \$18.50.

"U" Bar Lever Steel Harrow



So Arranged the Teeth Cannot Track.

This Harrow has a frame of steel, bars of "U" shaped steel well braced and securely fastened at each end to the frame. This gives the Harrow a double advantage, strength and rigidity, and a guard against catching into trees and stumps. The teeth can be set to any pitch or cut desired.

Price, 25-tooth, \$9.50; 50-tooth, \$19.00.

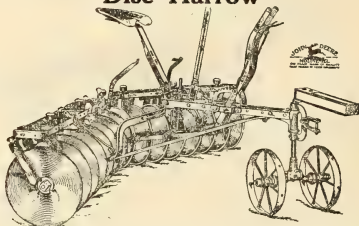
Wood Frame Scotch Harrows

These Harrows are made in three sizes.

25-tooth, one horse	\$7 50
40-tooth, two horse	13 00

The one-horse sizes are in one section and equipped with steel runners, which enable one to transport the Harrow from one field to the other without tearing up the grass. The 40-inch is made in two sections, and can be folded.

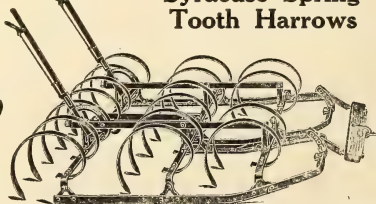
Disc Harrow



The time is long past when a farmer or market gardener can do without a Disc Harrow. When your ground is weedy and lumpy, then is the time when you need and want a Disc Harrow. Our Disc Harrows are strong, yet not too heavy; easy on horse and man; saves labor—that means saves money; does the work better than it is possible to do it with a plow or any other harrow. Eight 16-in. disc, \$38.00; 10 16-in. disc, \$42.00; 12 16-in. disc, \$46.00.

Syracuse Disc Harrow.—Price, 8 disc, \$40.00; 10 disc, \$44.00.

Syracuse Spring Tooth Harrows



15-Tooth Roderick Lean.....	\$26 00
17-Tooth Syracuse Lean.....	28 00

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Lawn Rollers

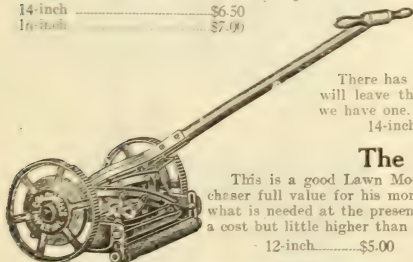
No.	Diam. Length		Sec's.	Face	Weight	Price.
	Ins.	Ins.		Ins.	Lbs.	
LR501.....	15	16	2	8	150	\$13.00
LR502.....	15	24	3	8	200	14.50
LR503.....	20	16	2	8	225	16.50
LR504.....	20	20	2	10	250	17.50
LR507.....	20	24	2	12	300	19.00

Coldwell's Suburban Lawn Mower

Ball Bearing.

This lawn mower is made to meet the demand for a first-class ball-bearing machine which can be purchased at a price within the reach of all. It is made throughout of best grade material, and the workmanship is unsurpassed. The driving wheels are 8 inches in diameter and the revolving cutter has four blades, which insure fineness and evenness of cut. It has sliding pawl ratchets and the adjustment of both bearings and bottom knife are the simplest and most effective ever made. One screw only is required to adjust the bearings by means of which all looseness in the cutter bearings can be taken up.

14-inch.....	\$6.50
16-inch.....	\$7.00



Water Ballast Roller

To increase the weight by adding water. To decrease weight draw out water.

Price:

601B.....	\$11.00
602.....	11.50
602B.....	12.50
603.....	15.00
603B.....	16.00

LAWN ROLLER. Too much importance cannot be placed in the use of ROLLERS ON LAWNS. In the spring, after the winter has spewed up the grass and made the lawn uneven, by rolling you press the roots again into the soil and give them a better chance to take hold and prevent the grass from dying out in spots. The Golf Clubs the world over use a roller on their greens from early spring to late fall.

Coldwell's Imperial

Easiest Running Lawn Mower Made.

THE IMPERIAL is one of our best Mowers, the principal feature being that the knife is securely bolted to the sides, thus insuring a perfectly rigid frame. The knives are adjusted by means of our patent hanger, and a locking screw holds them securely in place. This hanger is so constructed that all wear can be taken up in the bearings. The triple pawl ratchet is the simplest and most durable on the market. The gears will outwear those of any other Mower, as they are stationary when the Mower is being run backwards.

Prices—High Wheel, 4 Blade.

14-inch.....	\$11.50	18-inch.....	\$13.00
16-inch.....	12.00	20-inch.....	14.50

Coldwell's Regal Mower

There has been a demand for a fine-knife Lawn Mower, one that will leave the lawn perfectly smooth and even. In this machine we have one.

14-inch.....	\$13.00	16-inch.....	\$14.50	18-inch.....	\$16.50
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The Cadet Lawn Mower

This is a good Lawn Mower to sell at a medium low price, and give the purchaser full value for his money. The gears are fine cut, and it is in every respect what is needed at the present time, viz., a mower that will do good service and at a cost but little higher than the poor trash that is put out so freely.

12-inch.....	\$5.00	14-inch.....	\$5.25	16-inch.....	\$5.50
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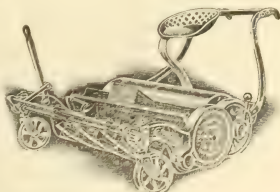
Coldwell's Improved Horse Mowers

Fitted up throughout with the best of steel shafting, composition bushings or bearings, polished oak foot boards. Loring Coe's Knives, etc., and the workmanship is acknowledged by the trade in general to be the best of any lawn mower made in America.

These mowers have been adopted for use by the U. S. Government at Washington and the New York City Park Board after competitive exhibitions of work done and durability. Each and every one of the machines is guaranteed to give entire satisfaction to the purchaser.

30-inch, complete with seat and shafts (4 blades).....	\$90 00
35-inch, complete with seat and shafts (4 blades).....	105 00
40-inch, complete with seat and shafts (4 blades).....	135 00

HORSE BOOTS. Per set of four.....\$16.00



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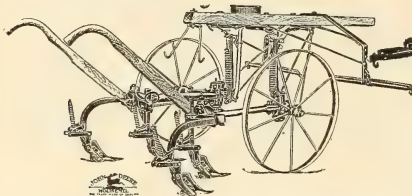


Land Roller

This is the most popular Land Roller on the market. This implement was thoroughly tested, and its construction was so perfect that it was a success from the start.

Frames and Hangers. Heavy, stiff angles are used on the sides and ends, to which the steel hangers are securely bolted, and the frame is so arranged that it will carry sufficient weight to suit the requirements. Price, \$40.00.

The New Deere Balance Tongue Walking Cultivator



Pipe beam, parallel, 4 shovels, spring trip, and spring lifting device. The tongue is perfectly balanced on the wheels with no support at front or rear. The lifting-spring device is the simplest and the most satisfactory spring that has ever been attached to a walking cultivator.

Milburn Farm Wagons

After years of careful observation we are convinced that there is no wagon made that will give the satisfaction that this wagon will. It is the lightest draft of any wagon that is made and the longest lived. It is a pleasure to us to have people come in and say that they have been using a Milburn for five or ten years, and that they have been more than satisfied. Our sales have been much greater than our anticipation. Our prices are low and the wagons we guarantee.

Old Hickory One-Horse Wagon

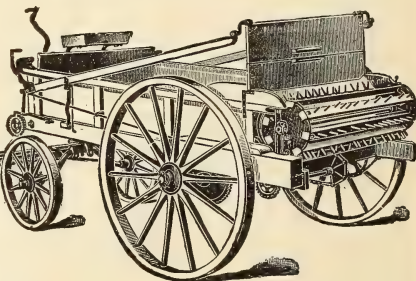
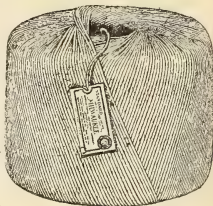
The wagon is made of first-class material and has given our trade complete satisfaction. Capacity, 1500 pounds.

Bolster Springs for Bed Wagons

1000 lbs. Cap.	\$ 7 25	3000 lbs. Cap.	\$12 00
1500 lbs. Cap.	8 25	3500 lbs. Cap.	12 50
2000 lbs. Cap.	10 25	4000 lbs. Cap.	13 00
2500 lbs. Cap.	11 00	5000 lbs. Cap.	14 00

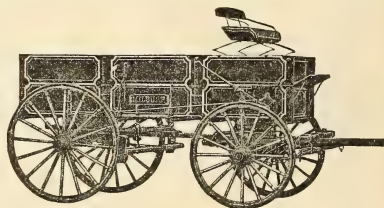
Milwaukee Binder Twine

It is well understood that good binder twine is essential to successful binding. The harvest season lasts only a few days and delays nearly always result in more or less loss. Binder twine that kinks and breaks is not worth hauling home, because it is not only a source of annoyance while harvesting the grain, but it also delays the work of shocking. Uniform size and strength are the characteristic features of the Milwaukee binder twine. It will not kink and clog the knoter or pull thin and break. The different brands of Milwaukee twine are Sisal, Standard, Manila, and Pure Manila. Price, 25 cts. per lb.



John Deere Manure Spreader

Size A, capacity 35 bushels.....	\$170 00
Size B, capacity 50 bushels.....	175 00
Size B, capacity 50 bushels, 3-horse hitch.....	180 00
Size C, capacity 70 bushels.....	183 00

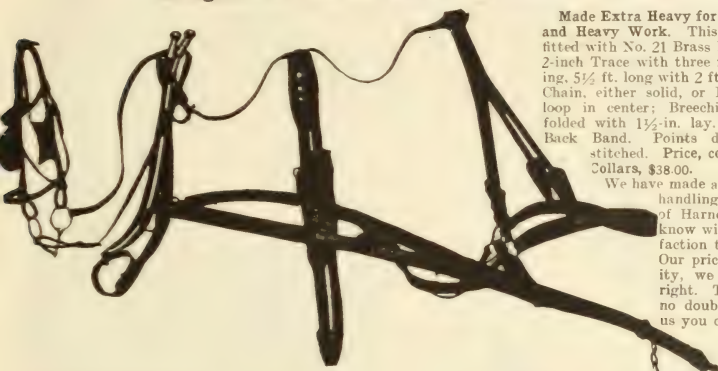


Milburn Farm Wagon.



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Bolgiano's No. 28 Double Team Harness



Made Extra Heavy for Contractors and Heavy Work. This Harness is fitted with No. 21 Brass Ball Hames, 2-inch Trace with three rows stitching, 5½ ft. long with 2 ft. N. Y. Heel Chain, either solid, or D breeching loop in center; Breeching 2¾ ft., folded with 1½-in. lay. Belly and Back Band. Points doubled and stitched. Price, complete, less Collars, \$38.00.

We have made a specialty of handling a nice line of Harness, that we know will give satisfaction to our trade. Our prices, for quality, we know are right. There can be no doubt that from us you can get more

We carry a full line of

Cart Harness

Extra heavy Cart Harness.....	\$12.00
Extra heavy Roller Tree Cart Saddle, with iron shields.....	18.00
Cart Bridles, extra heavy.....	2.75
One-inch Cart Reins.....	4.50
Heavy Cart Hames, brass ball.....	Pair. 1.75



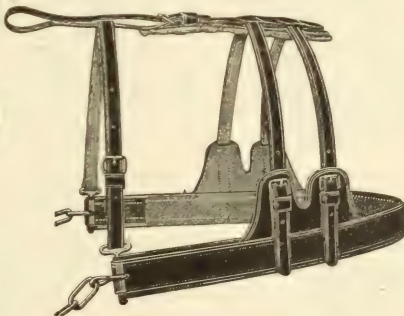
Blankets

We recommend 5A Horse Blankets because of their strength, warmth, horse protection and their long wear. They are leaders. Prices from \$2.35 to \$6.00.

Storm Covers for Horses.....	\$4.75
Storm Aprons for Wagons.....	2.25
Stable Blankets.....	\$2.35 to 4.00
Curry Combs.....	to .35
Horse Brushes.....	.25 to 2.50
Stable Brooms.....	.75 to 1.50
Manure Stable Forks.....	1.00 to 2.00

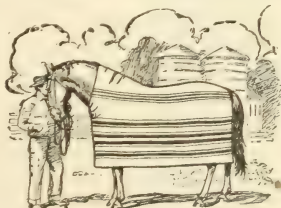
for your money than from any other dealer in Harness. Why? Because we do not handle Harness as a main line; if we make a few cents off a set we are satisfied. We buy in large lots, direct from the factory, where we get the best goods at lowest prices. Give us a chance. You will be pleased. Prices:

Single Wagon Harness.....	\$27.00 to \$35.00
Double Wagon Harness.....	40.00 to 55.00



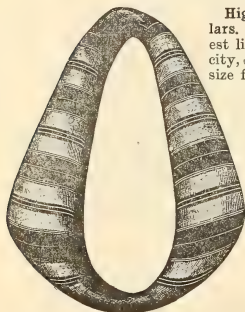
Extra Heavy Cart Breeching

No. 16 Heavy padded Breeching.....\$17.00



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Horse Collars



High-Grade Scotch Collars. We carry the largest line of Collars in this city, and can furnish any size from 16 to 24 inches.

Tick Lined Collars \$5.00 to \$6.75

Sweeney Collars \$6.00 to \$7.00

All Leather Collars \$5.50 to \$7.00

Red Edge Collar Pads 70 cts.

Brown Edge Collar Pads 75 cts.

Ask for price by the dozen.

Stewart No. 1 Enclosed Type Clipping Machine

The Only Ball-Bearing Clipping Machine.

It is without exception the most perfect clipping machine ever made. It runs practically without friction or wear. The price puts it within reach of every farmer and horse owner. The gearing is all enclosed in a dust and dirt proof case, and runs in oil constantly.



Price, complete for horses, \$9.75.

Hames

No. 21 Concord Hames, very heavily ironed, with hook or clip; brass ball top. Price, per pair, \$1.75.

No. 61. Virginia Cart Hames.

Rock elm or ash wood, 1/4-inch stiff-bottom loops. 3/4x1/4 inch steel backs. Three mortise top loops. Heavy wrought steel hooks. Varnished. Polished irons. Size, 19 to 22 inches. Price, 90 cts.; 22 to 24, \$1.25 per pair.

Root Hames\$1.15
No. 15 Brass Ball-top Hame..... 1.25

Back Bands

Folded Duck, Elbel's patent hook, 46 and 48 inches long, 5 inches wide. Price, 80 cts.

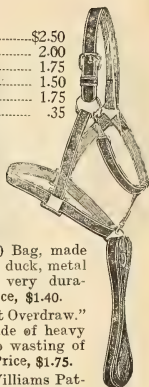
Single Web Back Band, Plow Boy, 50 cts.

A full line of Whips and a general line of Harness Accessories always in stock.

Our assortment of stable supplies, both for farm and dairy, is complete. We make a specialty in fitting out farms with a complete line of everything needed. Give us a list and let us quote you.

Halters

Leather, 1 1/4 in., hand made.....\$2.50
Leather, 1 1/4 in., machine made..... 2.00
Leather, 1 1/2 in., machine made..... 1.75
Leather, No. 5 Russet..... 1.50
Leather, No. 5 Russet, with tie..... 1.75
Web Cotton..... .35
Leather Cow Halter..... 1.75
Leather Ties..... 1.50



Feed Bags

Star Wood Bottom. A good, reliable bag for the money. Price, 75 cts.



No. 10 Bag, made of 12-oz. duck, metal eyelets; very durable. Price, \$1.40.

"Patent Overdraw." Well made of heavy duck (no wasting of feed). Price, \$1.75.

The Williams Patent Side Wire Bag. Price, \$1.75.

No. 8 Special. This bag is especially well made of 12-oz. duck; has reinforced sides; leather ventilators and sole leather bottom. Price, \$1.25.

Special prices in dozen lots.

Horse Weights from 15 to 30 lbs., 5 cts. per lb.

Weight Straps, \$1.00.

Weight Chains, 50 cts.

Miller's Harness Dressing. Pint, 35c; quart, 60c.

Miller's Harness Oil. Pint, 35 cts.; quart, 60 cts.

Miller's I. X. L. Harness Oil. Pint, 25 cts.; quart, 35 cts.; 1/2 gallon, 90 cts.; gallon, \$1.25.

Miller's Harness Soap. 1 lb., 30 cts.; 5-lb. can, \$1.10; 10-lb. can, \$1.90.

Neatsfoot Oil. Gallon, \$1.35.

Hame Straps. 1 inch, machine made, 40 cts. each; \$4.00 per dozen.

Hame Straps. Hand made, 1 inch, 50 cts. each; \$5.50 per dozen.

Farm and Contractors' Cart

With 5 and 6 inch tires; also extra heavy Contractors' Carts made specially to order when wanted. These carts are very strong, heavily ironed, nicely painted, striped and varnished.

Size of Axle.	Size of Tire.	Diameter of Wheel.	Price.
1 1/2 ins.	3 ins.	4 ft. 10 in.	\$47.00
1 1/2 ins.	4 ins.	4 ft. 10 in.	55.00
2 ins.	3 ins.	4 ft. 10 in.	55.00
2 ins.	4 ins.	4 ft. 10 in.	60.00

Prices Subject to Change Without Notice.

Plow Harness

Plow Harness, complete, per set (less collars).....\$7.00
Trace Chains, per set.....\$1.40 to 1.50
Breast Chains, per set..... .75 to 1.15
Butt Chains, per set..... 1.50

Fly Nets

Yellow cord, extra heavy, 5 bars and 50 lashes.....\$1.50

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Certaineed Roofing

1-Ply, \$2.15 2-Ply, \$2.75 3-Ply, \$3.25

We have in stock the finest prepared roofing offered by anyone. We are willing to guarantee that for length of service it cannot be surpassed by any roofing of its kind. With a couple of coats of prepared paint it will last a lifetime and will give perfect service during the whole period.

Dietz Lanterns

Dietz Victor Lantern.....	\$.95
Dietz Victor Red Lantern.....	1.15
Dietz Dash Lantern.....	1.35
Dietz Regulation Lantern for Wagons	1.75
Dietz Storm King Lantern (can't blow out).....	1.40
Dietz Duplex Vehicle Lamps.....	1.75
Dietz Little Wizard (can't blow out).....	1.15



Hand and Power Corr. Shellers

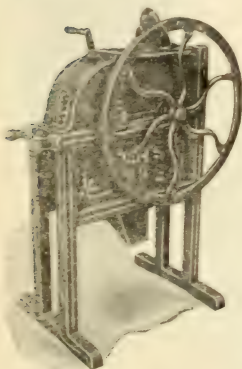
No. 3 Single Hole Sheller	\$12.00
No. 4 Single Hole Sheller.....	12.00
No. 20 Double Hole Sheller for hand or power	20.00

Buckeye Cider Mills

Senior. This is our largest-sized Mill, adapted for hand or power, with a detachable handle on either side. The top set of rolls first mash the fruit fine, and the bottom set grinds it thoroughly, breaking all the cells, so that the cider is entirely extracted. Price, \$32.50.

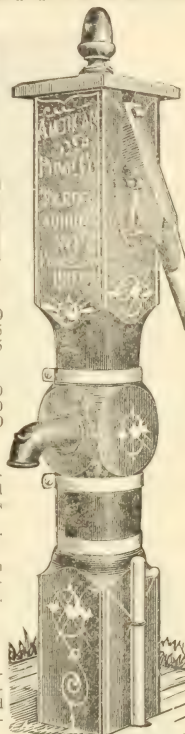
"Medium" Double Cage Hand Cider Mill. Similar to the Senior described above. Price, \$24.00.

"Junior" Double Cage Hand Cider Mill. Built on same principle as Senior and Medium. Has one handle. This is the smallest Double Cage Mill we handle. A first-class mill for family use. Price, \$22.00.



Pumps

Wood Pumps. We sell the Buckeye, which is conceded to be the best on the market. Made of cucumber wood, and not poplar, as many of the so-called cucumber-wood pumps are made. All Pumps porcelain lined.



Size of Hood.		Size of Hood.	
Depth.	6x6 in. 7x7 in.	Depth.	7x7 in.
10 feet	\$10.50 \$12.25	35 feet	\$26.25
12 feet	11.00 12.75	40 feet	30.00
16 feet	12.25 14.00	45 feet	34.50
18 feet	13.25 15.00	50 feet	38.20
20 feet	13.50 15.25		
23 feet	16.25		
25 feet	18.00		
28 feet	20.25		
30 feet	22.25		
33 feet	23.25		

Tubing and Miscellaneous Pump Parts

4x4 inches, 12 feet long and under, per foot 22 cts.

4x4 inches, 12 feet long or over, per foot 24 cts.

6x6 inches, extension tubing, per foot 60 cts.

6x6 inches, 3 feet long, porcelain lined, \$5.00.

6x6 inches, coupling and bands for 4x4-inch tubing, 75 cts.

Buckets, 4-inch, each \$1.25.

Buckets, 3½-inch, each \$1.00.

Handles, any size, 30 cts.

Handle Links, each 30 cts.

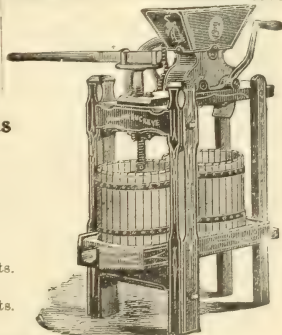
Check Valves, each 15 cts.

Iron Spouts, each 50 cts.

Splice Straps, per pair 30 cts.

Sucker Rod, per foot 4 cts.

Handle Brackets, each 40 cts.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Water Barrel Trucks

Our barrel-cart which can be attached to any of our barrel spray pumps and may be found useful in various ways, such as watering gardens, spraying trees, etc.

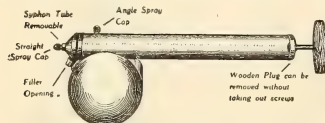
Water Truck, with 1½ Tire.....	\$8.50
Water Truck, with 2½ Tire.....	11.50
Water Truck and Barrel.....	14.00
New Barrel	4.50

Water Barrel
and Truck.



Spray Pumps

"Pomona" Spray Pump. With Agitator. All Working Parts Bronze. No leather packing. Valves are brass; easily accessible; wing guided on leveled seats, ground to fit. Air chamber steel. Lever long and powerful, with adjustable stroke, 3, 4 or 5-inch. Solid brass plunger, machine-turned, fitting gland accurately. Pump is held securely by adjustable clamp plate, made to fit either end or side of barrel, and by a small anchor located at bottom of barrel. The mechanical agitation is operated by stroke of the handle. Directions sent with each pump.



lines as our famous "Pomona." It is, however, lighter and of smaller capacity. All working parts, including plunger, gland, valves, valve seats and strainer, are of bronze. Regularly fitted with wing agitator, similar to one used on "Pomona," and which has proven to be the best type. Pump is held in barrel by anchor at bottom and adjustable clamp at top, fitting over end of stave. Not made for side of barrel.

Pomona Spray Pumps, complete with hose, barrel and nozzles.....\$25.00

Fruitall Spray Pumps, complete with hose, barrel and nozzles..... 20.00

First-class medium price Pump, complete with hose, barrel and nozzles 19.00

The Auto Spray. Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Price, galvanized iron reservoir, \$6.00; with Auto Pop, \$6.50; solid brass reservoir, \$8.50; with Auto Pop, \$9.00. Extension rods, 2-foot lengths, 75 cts.

Tin Sprayers. Every one who raises chickens knows how important it is to keep out vermin. Use a spray and the work is done. The illustration is of a spray that will do the work well and cheap. Price, 35 cts. and 75 cts.



Brass
Bucket
Pump
Equip-
ment,
Etc.,
with
8 Feet
¾-Inch
Dis-
charge
Hose
and
Seneca
Spray
Nozzle.

Price, \$5.00.



Brass Automatic Sprayers. 1-qt., galvanized iron, 85 cts.; 1-qt., brass, \$1.00; 2 qts., \$1.50.

Brass-Lined Bamboo Extension Rods. Price, 8 ft., \$3.00; 10 ft., \$3.50.

We carry a large assortment of repair parts for Spray Pumps and Attachments.

The Mistry Jr. Spray Nozzle. Price, 90 cts.

Rubber Hose

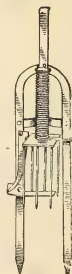
We make a special push on Garden and Spray Hose. Our prices compared with department store hose is cheaper and the quality better.

Hummer Rubber Hose, 25 and 50-ft. lengths.....	12 cts. per ft.
Tiger Rubber Hose, 25 and 50-ft. lengths.....	16 cts. per ft.
Boston Terrier Rubber Hose, 25 and 50-ft. lengths.....	17 cts. per ft.
Dandy Rubber Hose, 25 and 50-ft. lengths.....	18 cts. per ft.
Continuous Length Hose, up to 500 ft.....	18 cts. per ft.
½-inch Pressure Hose.....	18 cts. per ft.

Price, 75 cts. each.

Mole Traps

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE





Insect Destroyers and Insecticides

Prices on All Insecticides Change Without Notice.

Paris Green. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 30 cts.; 1 lb., 60 cts.; 5 lbs., \$3.00.

Hammond's Slug Shot. 5 lbs., 40 cts.; 10 lbs., 75 cts.

Lime and Sulphur. This preparation is scientifically prepared and is widely recommended, and known as the best preparation for San Jose Scale, Oyster Shell Scale, etc. Price: Lb., 30 cts.; 5 lbs., 60 cts.; 10 lbs., \$2.00; 25 lbs., \$3.50; 50 lbs., \$6.50; 300 lbs., \$33.00.

Kerosene Emulsion. One of the best insecticides for all soft-bodied sucking insects feeding openly so as to be within reach of actual contact, such as plant lice, fleas, beetles, aphids, green fly, mealy bug; also for insects of fruit trees, including San Jose Scale. Per quart can, 4 cts.; 1 gal., \$1.00; 5 gal. can, \$4.00.

Tobacco Dust. The most economical form to use tobacco as an insecticide; fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. 10 cts. per lb.; \$5.00 per 100 lbs.

Arsenate of Lead (Dry Powdered). Is produced under a new process. Contains at least 33 per cent. arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. 1 lb., 55 cts.; 5 lbs., \$2.50; 10 lbs., \$4.75; 25 lbs., \$11.50; 100 lbs., \$45.00.

Bordeaux Mixture (Dry Powdered). The best fungicide for curing and preventing black rot, mildew, blight, scab or other fungoid diseases on fruits and plants. 1 lb., 50 cts.; 5 lbs., \$2.00; 10 lbs., \$4.00; 25 lbs., \$9.00.

Bordeaux-Arsenate of Lead Mixture Dry Powdered. A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for roses, keeping them free of mildew, black spot and insects of all sorts. 1 lb., 50 cts.; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$8.75; 50 lbs., \$16.00.

Whale Oil Soap. Dissolved in water makes an excellent spray for scale on palms, etc. $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ -lb. pkg., 15 cts.; 1-lb. pkg., 20 cts.; 5 lbs., 75 cts.; 10 lbs., \$1.35.

Bug Death. Bug Death is a fine powder, and in composition is peculiar to itself, inasmuch as it does not depend upon arsenic for its killing power. Bug Death is safe and sure to use on potatoes, tomatoes, currants, gooseberries, cucumbers, melons, and garden truck generally. (Full directions on each package.) Price: Lb., 25 cts.; 3 lbs., 55 cts.; 5 lbs., 90 cts.; $12\frac{1}{2}$ -lb. pkg., \$1.50; 100-lb. keg, \$9.00.

Grafting Wax. Used for grafting trees and other plants. Price: $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; lb., 25 cts.

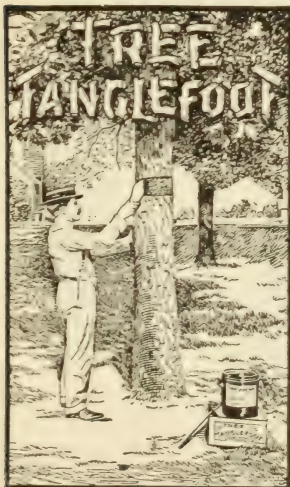
Flour and Flowers of Sulphur. Per lb., 10 cts.; 10 lbs., 60 cts.; 25 lbs., \$1.25.

Lemon Oil. The cheapest, safest and most effectual insecticide extant for all purposes. Destroys all insects on the leaves and roots of plants without injury to flower or foliage, leaving no foreign odor. This will be found a capital wash for dogs; it relieves mange, destroys lice and all insects, and gives the coat a beautiful glossy appearance. Half pint, 30 cts.; pint, 50 cts.; quart, 90 cts.

Cut Worm Killer. One of the necessities of the market and home garden. Cut Worms do so much damage each year that it amounts to more than a million dollars. 1-lb. Sprinkler Top boxes, 25 cts.; 5-lb. Tin Cans, containing Sprinkler-Top box, \$1.00 each; 25-lb. Drums, containing Sprinkler-Top box, \$4.00.

Tree Tanglefoot. For protecting trees against climbing insect pests in a simple, economical and effective way. Tree Tanglefoot, a sticky substance applied directly to the bark of the tree. One application remains sticky on the trees three months fully exposed to weather. Easily applied with a small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. 1-lb. can, 50 cts.; 3-lb. can, \$1.30; 10-lb. can, \$4.50.

Rat Killer. If we could but realize the destruction caused by rats and mice in each year, it would amount to such an enormous amount that we would at once begin to kill these pests. Millions of dollars would not cover it. Now with the paste we offer you can rid your place of both of these vermin. Box, 25 cts.



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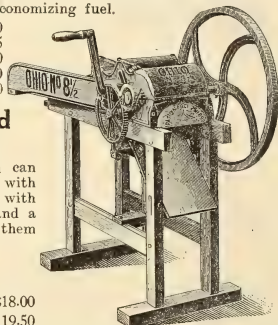
Boiler and Feed Cooker

Heavy cold-rolled steel furnace; extra large feed door, wrought-iron handles, firmly riveted on Kettles, smooth, heavy cast iron. Door, frame and flue collar cast iron. Never buckles or warps from heat; designed to set on ground or brick foundation; especially adapted for cooking feed, rendering lard, making soap, scalding hogs, poultry, etc. Cast-iron flues are constructed inside this, retaining heat and economizing fuel.

30-gal. capacity	\$16.00
33-gal. capacity	16.75
40-gal. capacity	18.00
48-gal. capacity	19.50
53-gal. capacity	21.00

"Ohio" Hand Feed Cutter

Capacities. One man can easily cut a bushel of hay with No. 8½ in 40 seconds, and with No. 10½ in 30 seconds, and a boy 12 years old can use them successfully.



Sizes and Prices.

No. 8½ K1—"Ohio" Hand Feed Cutter, with one 8½-inch knife; for hand use only; weight, 165 lbs.....	\$18.00
No. 8½ K2—Same machine, equipped with two knives.....	19.50
No. 8½ P1—Same machine, with one 8½-inch knife; equipped with pulley for either hand or power.....	\$19.00
No. 8½ P2—Same machine, equipped with two knives.....	20.00

Nobby Feed Cutter

Simple, durable, handsome, cheap. It has an 11-inch tempered curved knife, which can be adjusted to take up the wear, thus giving a perfect shear cut at all times. Price, \$5.25.

Hartford Automobile Tires and Tubes



NET PRICE LIST

SIZE	"H" Plain		Strong- Antiskid		Tread		Cord		Grey		Red	
	EACH	EACH	EACH	EACH	Casing.	Casing.	EACH	EACH	Tube.	Tube.	EACH	EACH
30x3	\$15.20	\$15.95	\$18.05						\$3.30	\$4.10		
30x3½	19.75	20.70	23.50						4.15	5.10		
31x3½	20.75	21.80	24.70						4.25	5.30		
32x3½	22.90	24.05	27.00	\$43.40					4.40	5.40		
31x4	30.20	31.70	36.90						5.35	6.60		
32x4	30.85	32.40	37.55	55.15					5.50	6.65		
33x4	32.25	33.90	39.50	56.55					6.65	6.75		
34x4	33.05	34.65	40.40	58.15					5.75	6.85		
33x4½			51.85	63.75					7.05	8.00		
34x4½	44.45	46.70	53.65	65.55					7.10	8.90		
35x4½	46.50	48.80	56.05	67.10					7.25	9.05		
36x4½	47.20	49.55	56.85	68.65					7.55	9.25		
33x5	53.05	55.65	63.65	81.35					8.45	10.10		
37x5	56.20	59.10	67.40	85.15					9.15	10.75		



The Hartford Automobile Tires have a reputation equaled by few and surpassed by none. We are handling these tires for the convenience of our patrons, believing that we are supplying the best possible tires at the lowest market prices. Remember, we can mail you these tires without any delay whatever. Get our special prices on two or more.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

"Everything for the Poultryman"

Consult the Manager of Our Poultry Supply Department.

When we started our Poultry Department our aim was to be the largest and best known in the South, and we are rapidly reaching our goal. This is an indication that we have pleased our customers.

Look over this section of our catalogue, no matter how few chickens you keep; you will find something that will be a labor-saver and a profit-maker.

If you cannot find what you want in this catalogue, we have it at the store, or can get it for you without a minute's unnecessary delay.

Prairie State Incubators and Brooders

35 Years at It Brings Success.

The development of Prairie State equipment to its present high degree of perfection was not due to chance, but to years of hard, diligent study and experiment along scientific as well as practical lines. A great many people have entered into the manufacture of incubators and brooders with the crude idea that it did not require any special knowledge or experience to produce successful equipment. This accounts for so many impractical machines being foisted upon an unsuspecting public, and also for the prejudice which many people still have against incubators and brooders.

We all know it is no easy task to imitate nature, and especially is this true in the process of changing the outwardly inanimate nature of an egg into a living chick. Even the hen has her troubles, sometimes complete failure. Then, is it not reasonable to assume that to build a machine to do the work of nature it must be made on scientific principles and in a thorough workmanlike manner?

This accounts for the fact that Prairie State machines, representing as they do the highest development in mechanical devices for artificial incubation, built by skilled mechanics, cannot be sold on a par with the numerous cheap low-priced affairs. And, if the prospective buyer could see the Prairie State product side by side with the low-priced machines, no question would remain as to which is the better value.

Prairie State Incubators Are Built to "Hatch Chicks That Live."

Real merit always stands out, and it is this quality which has given to Prairie State incubators and brooders the reputation they have long enjoyed of being the best in the world. Ask any poultry expert—any poultryman who makes poultry-raising his life work—the man who knows, and he will tell you that the Prairie State heads them all.

No. 0 Standard Series Sand Tray Incubator. Price, crated, \$31.00 f. o. b. Washington. Capacity—100 hen eggs. Dimensions—Top, 25 by 30½ inches. Total height—38 inches. Weight, crated—About 135 pounds. Weight, net—About 87 pounds. Equipment—1 galvanized hardware cloth egg tray, 1 thermometer, tested and mounted; 1 egg tester, 2 non-roll slats, 1 removable burlap mat, extra wicks, one-piece seamless lamp, galvanized sand tray, operating directions, everything complete, ready to run, except eggs and oil.

No. 1 Standard Series Sand Tray Incubator. Price, crated, \$39.00. Capacity—150 hen eggs, 115 duck eggs. Dimensions—Top, 29 by 34 inches, 17 inches deep. Total height—39½ inches. Weight, crated—About 160 pounds. Weight, net—About 108 pounds. Equipment—1 galvanized hardware cloth egg tray, 1 thermometer, tested and mounted; 1 egg tester, 2 non-roll slats, 1 removable burlap mat, extra wicks, one-piece seamless lamp, galvanized sand tray, operating directions, everything complete, ready to run, except eggs and oil.

No. 2 Standard Series Sand Tray Incubator. Price, crated, \$55.00. Capacity—240 hen eggs, 200 duck eggs. Dimensions—Top, 38 by 40½ inches; 20½ inches deep.

Total height—42 inches. Weight, crated—About 240 pounds. Weight, net—About 175 pounds. Equipment—2 galvanized hardware cloth egg trays, 2 thermometers, mounted and tested; 1 egg tester, 4 non-roll slats, 2 removable burlap mats, extra wicks, one-piece seamless lamp, 2 galvanized sand trays, operating directions, everything complete, ready to run, except eggs and oil.

No. 3 Standard Series Sand Tray Incubator. Price, crated, \$70.00. Capacity—350 hen eggs, 300 duck eggs. Dimensions—Top, 48 by 45½ inches; 20½ inches deep. Total height—42 inches. Weight, crated—About 275 pounds. Weight, net—About 220 pounds. Equipment—2 galvanized hardware cloth egg trays, 2 thermometers, mounted and tested; 1 egg tester, 4 non-roll slats, 2 removable burlap mats, extra wicks, one-piece seamless lamp, 2 galvanized sand trays, operating directions, everything complete, ready to run, except eggs and oil.

Cypress Case. The outer case is of cypress, known as the wood everlasting. The particular wood employed in constructing an incubator case has no bearing upon the hatching qualities of the machine. We have selected cypress at a considerable cost to our-

selves over other woods because it is the most durable under all possible atmospheric or climatic conditions, and because it takes so well the beautiful natural-wood finish characteristic of Prairie State Incubators.

The inner case, or egg-chamber, is constructed of thoroughly seasoned soft wood, such as pine or

poplar, all joints being tongued and grooved. No sheet steel enters into the Prairie State case. A satisfactory sheet-steel case might be made, but if properly constructed, would necessitate a much higher price.

Nor do we resort to inferior substitutes, such as pasteboard, burlap, oil cloth or combination board. Such materials cannot last under the varying conditions of incubator use.

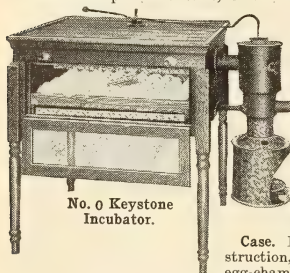
Under no circumstances do we permit glue to enter into the Prairie State case. The assembly throughout is with nails and screws, all corners being firmly locked to prevent breakage, and ample allowance being made for expansion and contraction.

The attainment of this method of construction is lasting durability alike in flooded cellars and in dry warm rooms. The fact that humidity is applied in the incubator when heated to a high degree of temperature without injury to the case demonstrates the skill and experience embodied in its construction.



Prairie State Sand Tray Incubators

The Keystone Series embody in their construction the three principles characteristic of Prairie State Incubators—top-radiant heat, down draft ventilation, and applied moisture.



No. 0 Keystone Incubator.

Type. Hot air, as in the Standard Series, free from tanks and consequent danger of freezing or rusting, and proved by years of experience to be the type of highest and most lasting service.

Case. Double-case construction, inner case or egg-chamber being of soft wood, tongued and grooved, the outer case of cypress—durable, lasting, adaptable to every condition of climate or atmosphere. The case is free from paste-board, metal linings, oil cloth, or any other substance subject to deterioration.

Insulation. High-grade cotton batting, thoroughly packed between walls of inner and outer cases. Extra asbestos, insulation over top of egg-chamber. No "dead air" spaces, no inferior insulating materials.

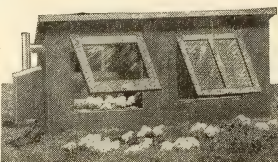
Price, crated, \$17.50.

Capacity—60 hen eggs. Dimensions—18 by 21 by 10½ inches. Total height—23 inches. Weight, crated—About 60 pounds. Weight, net—About 35 pounds. Equipment—Egg tray, tested Tycoos incubator thermometer mounted, egg tester, 2 non-roll slats, galvanized sand tray, extra wicks, one-piece lamp bowl, full and complete directions for operating. Everything complete, ready to run, with the exception of the oil and eggs.

No. 1 Keystone Incubator. Price, crated, \$21.00. Capacity—100 hen eggs. Dimensions—24 by 26 by 11½ inches. Total height—23 inches. Weight, crated—About 80 pounds. Weight, net—About 55 pounds. Equipment—Egg tray, tested Tycoos incubator thermometer mounted, egg tester, 2 non-roll slats, galvanized sand tray, extra wicks, one-piece lamp bowl, full and complete directions for operating. Everything complete, ready to run, with the exception of the oil and eggs.

Prairie State Brooders and Hovers

Prairie State Colony Brooders are built in three sizes, having a total floor space of 18, 12½ and 9 square feet, respectively. Numbers 1 and 2 are two-compartment brooders, with 1 inch partition in center, forming the hover or nursery room on one side and sun parlor on the other. Access to sun parlor is had by a wide door at bottom of partition, to which is fitted a slit cotton velvet curtain to afford easy passage for the chicks without losing heat from the nursery room, and also a board door by which the birds may be confined to the nursery if desirable.



The No. 3 Colony Brooder has but one compartment, the hover being located at one end. In this Brooder and in No. 2, hovers of the Prairie State Universal type are used, 20 inches in diameter. The lamp is fitted into a special compartment under the brooder floor, access to the hover being had through the floor. The No. 1 Colony House uses a standard Prairie State Universal Hover with lamp case. In all three the fumes are piped out to the open air through a combination elbow and tee pipe.

Specifications (Outdoor).

No.	Crated Weight	—Height—				
		Width	Length	Front	Back	
1	300 lbs.	3 ft.	6 ft.	3 ft.	2 ft.	\$30.00
2	208 lbs.	2½ ft.	5 ft.	2½ ft.	20 in.	27.50
3	150 lbs.	27 in.	4 ft.	28 in.	19 in.	22.00

Heat regulator to attach to any of the above brooders, \$1.00 extra.

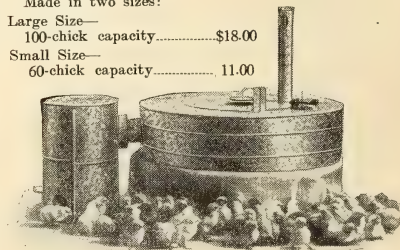
Prairie State Portable Hover

This hover is the latest product of modern manufacturing methods, and is the recognition on the part of our designers of a rapidly increasing demand among poultry producers for a hover adaptable everywhere and instantly portable with minimum labor, light in weight, fire-proof throughout, economical and efficient. The Prairie State Portable embraces all those original and successful features which gave the Universal its instant reputation, and is really the Universal modified to bring the lamp case to floor level, without sacrifice of safety, economy of oil, or free ventilation. It is built on lines different from those of all other portable hovers. The hover complete, including lamp case, is made entirely of galvanized steel, insulated thoroughly with non-combustible materials and provided with double curtains of cotton velvet. The steel lamp case, attached to hover by an ingenious method of our own, has conical depression in the bottom which automatically centers the one-piece drawn-steel lamp. It is quickly detachable and located to one side of the hover, elimi-

nating from the hovering space all possible obstructions, such as hot or cold drums, against which the chicks would crowd.

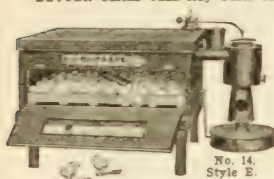
Made in two sizes:

Large Size—	
100-chick capacity.....	\$18.00
Small Size—	
60-chick capacity.....	11.00



Buckeye Incubators

Are Guaranteed to Hatch MORE Chicks and
BETTER Chicks Than Any Other Incubator.



No. 14.
Style E.

Weight, crated for shipment, 55 lbs.
Capacity, 60 eggs. Price, \$12.00.

No. 14 is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as visible thermometer, and the Buckeye heating and ventilating system. The temperature is easily regulated and the consumption of oil is low.

No. 16, Style E. Capacity 110 eggs; weight, crated for shipment, 85 lbs. Price, \$20.50. This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones.

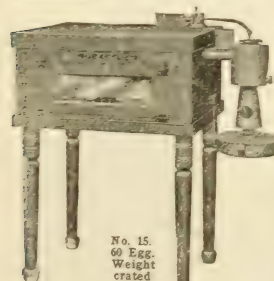
No. 17, Style E. Capacity 200 eggs. Weight, crated for shipment, 125 lbs. Price \$27.50. Same as No. 16, except that it has greater egg capacity.



No. 17.
Style E.
200 Eggs.
Price, \$27.50.

All Style E incubators have single walls and are equipped with galvanized rust-resisting heaters.

No. 15, Style H. Capacity 60 eggs. Weight, crated for shipment, 75 lbs. This is a wonderful little hatcher and was designed for the raiser who wants the best, even in a small machine. The walls are all double and the equipment is the same as the larger machines. This incubator has long legs, which makes it more convenient to operate. It is self-regulating in every sense, never fails, and is efficient and economical.



No. 15.
60 Eggs.
Weight
crated
75 lbs.
Price, \$16.50.

WHY THE BUCKEYE SUCCEEDS. The unprecedented success which has followed the Buckeye for twenty-five years is primarily due to the invention of the Buckeye hot-water system. Without this wonderful system of hot-water heating, that perfect balance between the temperature, moisture and ventilation, which is so necessary to successful incubation, would be a physical impossibility. The ability to heat the egg chamber without cooking all the moisture out of the air is not only responsible for the abundant supply of natural moisture, but at the same time the soft radiated heat from the hot-water tank provides an absolutely uniform temperature, and permits the perfect ventilation of the egg chamber at the same time.

Without this system of hot-water heating it would be necessary to heat the egg chamber with currents of hot air, and it is now an established fact that the temperature and ventilation of incubator cannot be successfully balanced where hot air currents are used.

Too much emphasis cannot be attached to the importance of keeping impure gases and fumes out of an incubator. Instead of passing the hot air fumes through the incubator, with a likelihood of leakage in the conductor at any time, we heat the hot water on the outside—send it circulating around the egg chamber—and keep all the fumes from the lamp on the outside. It takes but a very small portion of lamp fumes to kill the developing chicks, and by circulating hot water through the egg chamber instead of hot air, we entirely eliminate all possibility of damage to eggs.

BUCKEYE GUARANTEE. This Buckeye Incubator is guaranteed to hatch every hatchable egg, and we further guarantee the perfect working of all its mechanical parts. Should the incubator fail to fulfill our guarantee in any particular, it may be returned to us at our expense (via freight) any time within 40 days after its receipt, and we will send the purchaser a new incubator in exchange.

HATCH MORE AND STRONGER CHICKS. The Buckeye will hatch more chicks and stronger chicks than any other make of incubator. It requires no artificial climate; it will operate satisfactorily in any climate, and requires no attention to the regulator from the time a hatch is started until it is finished. Any Buckeye incubator, regardless of size or style, can be heated to 103 degrees inside of an hour. The average incubator requires from 12 to 24 hours to reach this degree of heat.

NO PREVIOUS EXPERIENCE NECESSARY. It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator.

BUCKEYE STANDARD INCUBATORS. The Buckeye Standard is an improved Buckeye. It is fire-proof and fool-proof. It is equipped with every desirable device that could possibly add to the efficiency of an incubator. Only the best of material is used throughout and a Standard should last a lifetime. In addition to being the most satisfactory hatcher on the market, the Standard Buckeye is fire-proof, and therefore, insurable. Each machine is inspected by the National Board of Insurance Writers before it is put on the market.

NEW MAMMOTH STANDARD. The New Mammoth Standard is a superior incubator in every sense of the word. It is guaranteed to be mechanically perfect in every part, carefully constructed of selected materials. It is further guaranteed to hatch more and better chicks than any other mammoth incubator of like capacity. The Mammoth Standard is equipped with an electric fan, is fire-proof, insurable, and has a gas heater. A special feature of this improved Mammoth is the fact that you can have a continuous hatch. As soon as one

tray of eggs is hatched you can remove it and insert a new tray of eggs. This is due to the fact that each compartment is distinct and separate from the other compartments. The egg capacity is 2440, and the price \$350.00.



No. 1.
Standard
100 Egg.

Price, \$27.50.

No. 1 Standard has a capacity of 100 hen eggs or 280 duck eggs. Equipped with oil every detail and is ready for immediate use. The weight, crated for shipment, is 100 lbs. This incubator is insurable and bears the Underwriters' label. An improved feature of all Standard incubators is the enclosed lamp. Equipped with oil or gas heater.

No. 2 Standard has a capacity of 175 hen eggs or 140 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 135 lbs. This machine is insurable and bears the Underwriters' label. Price, \$32.50.

No. 3 Standard has a capacity of 250 hen eggs or 200 duck eggs, is equipped with oil or gas heater and is complete and ready for use. Weight, crated for shipment, 200 lbs. This machine is insurable and bears the Underwriters' label. Price, \$42.50.

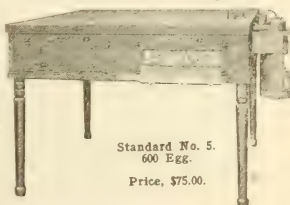


No. 3.
Standard
250 Egg.

Price, \$42.50.

No. 4 Standard has a capacity of 350 hen eggs or 280 duck eggs. Equipped with oil or gas heater and is ready for use. Weight crated for shipment, 230 lbs. Insurable and bears Underwriters' label. This machine is very convenient for the commercial raiser. Price, \$52.50.

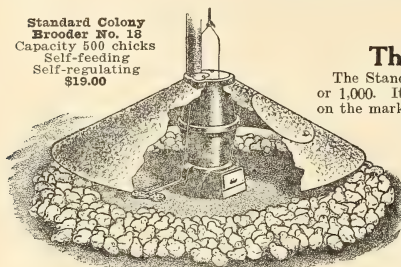
No. 5 Standard (Mammoth Standard). Capacity 600 hen eggs or 480 duck eggs. Outside dimensions 54" square, 36" high. Equipped with four egg trays, holding 150 eggs each. Double doors on front and back; oil or gas heater. Complete and ready for use. Bears Underwriters' label. Weight, crated for shipment, 325 lbs. Price, \$75.00.



Standard No. 5.
600 Egg.

Price, \$75.00.

**Standard Colony
Brooder No. 18**
Capacity 500 chicks
Self-feeding
Self-regulating
\$19.00



Buckeye Brooders

The Standard Colony Brooder

The Standard Colony Brooder will successfully brood 100 chicks or 1,000. It is the simplest, safest and most economical brooder on the market. It cuts the cost of labor in half and reduces cost of operation. A poultryman can now handle 1,000 chicks with about the same amount of work that he formerly took to raise 100.

Burns Any Kind of Fuel. The Standard Colony will burn any kind of fuel—hard or soft coal, coke, charcoal, briquettes, or gas. It is self-regulating. You simply have to adjust the regulator at the beginning of the brooding season, and then forget about it. It is self-feeding. You fill the stove once a day and then no further attention is required, as the fuel automatically feeds the fire until it is entirely burned out. It is guaranteed to burn more than 24 hours in any kind of weather.

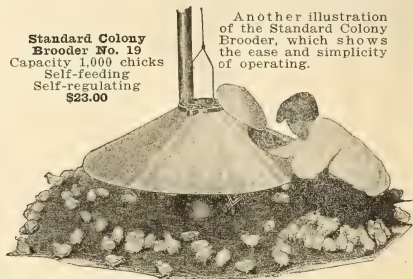
Can Be Operated Anywhere. No room is too large or too small for a Standard Colony Brooder. It can be operated in any room that is large enough to accommodate the hover and give room to move around. Can be handled with equal success in the largest barn or in the smallest colony house.

Absolutely Fire-Proof. It is guaranteed to be fire-proof, and will not increase the cost of insurance. It is just as safe as any stove that burns coal or gas and cannot by any possibility set anything on fire.

Guarantee. The Standard Colony Brooder is guaranteed to do everything that any brooder on the market will do—and do it better—no matter what the other brooder costs.

**Standard Colony
Brooder No. 19**
Capacity 1,000 chicks
Self-feeding
Self-regulating
\$23.00

Another illustration of the Standard Colony Brooder, which shows the ease and simplicity of operating.



crowding of chicks, as there is always an abundance of heat no matter what the temperature outside may be, and is guaranteed to operate successfully in any temperature down to freezing.

The Security Portable Brooder

This brooder is all that the name implies—and more. It is the only lamp heated brooder ever invented that possesses every desirable qualification for the welfare of the little chicks. It is the only oil-burning brooder that provides every ideal condition which you know to be necessary to the health and growth of the chicks, and its construction is so simple that the operator cannot go wrong. There is nothing to look after but the lamp—and that requires filling but once in 24 hours. Capacity, 150 chicks. Price, \$15.00.

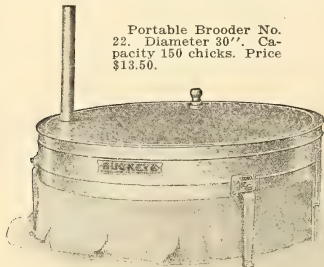
Abundance of Fresh Air and Heat. The Security Brooder furnishes an abundance of fresh air and heat at all times. Every particle of heat coming from the high power lamp is utilized to heat the interior of the brooder. The Security construction insures the highest degrees of efficiency and we guarantee the satisfactory operation of every brooder in any inside temperature down to freezing. The lamp is protected from the chicks by a galvanized wire guard extending from the door to the overhead canopy.

Buckeye Portable Brooders

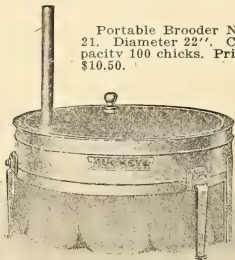
These portable brooders are illustrated below. They differ from the Security in that they have the lamp on the side instead of the center of the machine, which is considered by many to be more convenient. The Buckeye Portable has all the desirable features of the coal-burning brooder. It is guaranteed to raise more chicks and better chicks than any other oil-burner on the market. This brooder is absolutely free from all gases. Under this system of brooding chicks get a better and quicker start, and develop so rapidly that the customary "baby troubles" never have a chance.

Can Be Used Anywhere. The "Buckeye" Brooder can be used anywhere—in the house, barn or out of doors. Easy to handle and easy to operate. No

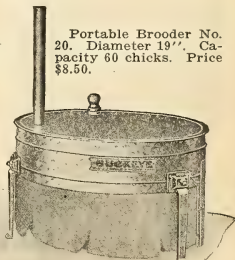
Portable Brooder No. 22. Diameter 30". Capacity 150 chicks. Price \$13.50.



Portable Brooder No. 21. Diameter 22". Capacity 100 chicks. Price \$10.50.



Portable Brooder No. 20. Diameter 19". Capacity 60 chicks. Price \$8.50.



Parcel Post Egg Boxes



Most practical way of shipping eggs.

Boxes holding
1 doz.....25c
2 doz.....40c
3 doz.....50c
4 doz.....60c

Wire Nests

These nests are made of heavy coppered wire, fully braced, and will hold their shape longer than other nests on the market. Price, 35 cts.

Feed and Water Cups

Made of galvanized iron to be hung on coops. 1-pint, 25 cts.; 1-quart, 30 cts.



Dry Mash Hopper

Will not waste the feed. Cannot clog, being wider at bottom than top. Curved bottom throws last bit of feed to front. Three sizes.
No. 1, 12 inches.....\$1.50
No. 2, 18 inches.....2.00
No. 3, 24 inches.....2.50

O. K. Exerciser Feeder

The O. K. Exerciser Feeder is one of our leaders, as it is exceptional value for the price. The hopper (holding 12 quarts) is made of No. 28 galvanized steel, and is reinforced with a double thickness around the top. The ball is heavy galvanized rod so that the weight of the grain does not spring it out of shape.



The pendulum rod and grain distributors have the accurate adjustment with two brass nuts, and the convenient separable construction, which are patented features of our Economy Exerciser.

The O. K. Exerciser is perfectly weather-proof; and will compare favorably with any exerciser ever sold at less than two dollars.

Capacity, 12 quarts. Price, \$1.50.

The Peerless Fountain



The Peerless is the all-right font. The water is always pure; it is protected from dirt and filth. The fowls cannot injure their combs while drinking; easy to fill and easy to clean.

Brooder size, 5 qts., \$1.25; 10 qts., \$1.50.



Peerless Fountain and Heater

5-quart size, weight 6 pounds.....\$2.50
10-quart size, weight 7 pounds.....3.00

Incubator and Brooder Thermometers

Buckeye Incubator Thermometers.....\$.75
Wire Stand for same......15
Buckeye Brooder Thermometers......75
Hygrometers.....2.00

Newtown Colony Brooder

The Newtown is the original Coal-burning, Self-feeding, Self-regulating Colony Brooder—the machine which actually revolutionized poultry raising—which has been imitated but never equalled. It has established itself on thousands of poultry plants as the most important factor in the successful raising of chicks.



The One Perfect Brooder. It has thoroughly demonstrated its right to be called "The One Perfect Brooder," and is justly claimed to be superior to any Colony Brooder on the market. Through years of practical tests and use under all conditions it has been brought to a point of perfection in the details of construction. The Newtown is not an experiment—it has made good. The purchaser of this time-tested Brooder runs no risk; he knows it will give satisfaction. More Newtowns are in successful operation than all other makes of coal-burning Colony Brooders combined. Made in three sizes.

No. 10.....\$25.00 No. 11.....\$30.00 No. 12.....\$38.50



A commercial disinfectant and antiseptic that is non-poisonous, odorless and at the same time a tonic is a novelty. For these reasons, if for no others, FER-SUL merits your investigation. FER-SUL kills most bacteria and germs when brought in contact with them and neutralizes most putrescent odors; it also destroys certain weaker forms of vermin.

As FER-SUL has no odor it cannot injure dairy products with its smell.

For a general cleaning up of unsanitary conditions or the removing of ordinary barnyard odors, a liberal spraying of a 5% solution (1 pint of "FER-SUL" to 20 pints of water) will effect the desired result. If the conditions are offensive or if disease has broken out among horses, cattle or swine, use, at first, a 10% solution (1 pint of "FER-SUL" to 10 pints of water), and repeat daily with 5% solution.

FER-SUL, being a liquid, is adapted, naturally, for spraying or sprinkling. It should be used regularly and liberally in the dairy and on poultry farms, and in all barns, stables, pigstys, coops, cesspools, privies, or, in fact, wherever contagion is likely to lurk. When used as directed, no fear need be felt from the after-effects.

FER-SUL has two very marked properties: One, that of a germicide, and the other a tonic. One active in killing disease, the other in restoring health. Detailed instructions for its use in the specific troubles or maladies we have investigated, can be obtained by postal request. Price, 12 ozs., 50 cts.; quart, 75 cts.; gallon, \$2.00.



Collins Oat Sprouter

Sprouted oats are positively the best and cheapest green food. This Oat Sprouter will supply green food for 150 hens.

It is no longer necessary for the manufacturer of an Oat Sprouter to urge the feeding of sprouted oats, because sprouted oats are recognized as the only practical, sensible and effective way of furnishing poultry the green feed they must have if they are to lay prolifically during the winter.

Made of galvanized iron and will last for years. Price, \$4.00.

Whiting's Roupene

A positive preventive and cure for roup, canker, diphtheria, chicken pox, gapes, colds and all diseases of the respiratory organs in fowl and pigeons.

When roup symptoms are first discovered a dose or two of Roupene will kill all trace of the disease. Price, per bottle, 50 cts.

Whiting's W. D. Remedy

Will absolutely destroy the White Diarrhoea germ. It will cure the trouble and stop spread of disease. Price, per bottle, 50 cts.



Germozone

A little Germozone in the drinking water will positively cure and prevent bowel trouble of any kind, except that which is caused by lice, improper food, etc. The cause must be removed if a permanent cure is to be expected. Price, per box, 60 cts.



Weak-Nee Well

Weak-Nee Well is a life saver for little chicks, as it will positively cure leg weakness. Has never been known to fail. Is used in the feed, so there is no trouble to give it. Boxes, 25 cts. and 50 cts.

Leg Bands



Champion Leg Bands, adjustable. 12 for 15 cts.; 25 for 25 cts.; 50 for 40 cts.; 100 for 75 cts.

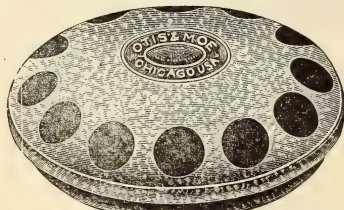
Celluloid Leg Bands

Made in sizes to fit all breeds, even chicks and pigeons. Eight colors—black, white, blue, dark blue, cherry, red, amber and green. When ordering state breed and color wanted. 12 for 15 cts.; 25 for 30 cts.; 50 for 45 cts.; 100 for 75 cts.

Moe's Round Baby Chick Feeder

The Most Convenient and Commodious Feeder on the Market for the Price.

A great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used



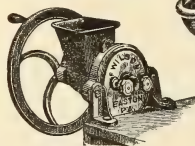
for water. This is a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron. Small size, 20 cts.; large size, 35 cts.

Moe's Star Jar Fountain and Feeder

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. Price, 15 cts., 2 for 25 cts.



Dry Bone and Shell Mills

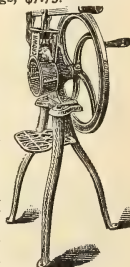


Dry Bone Mill.

Made for grinding dry bones, shells, grain and many other substances for poultry. Can also be furnished with iron legs if desired. Price, complete (as shown in cut), with iron legs, \$7.75.

The Crown Green Bone Cutter

Mounted on iron legs, \$14.00; not mounted, \$10.75. They surpass all others in easy and rapid cutting. They feed automatically and leave both hands free to operate; the feed regulates the power required so that it cannot run hard. The feed screw is large and has a coarse thread that will not wear out nor crush down nor break. The gears are guarded so that they cannot clog. The cylinder has been enlarged so they can take in a good size bone. They have adjustable steel knives; they are strongly built, and will not break or wear out.



Green Bone Mill.

The Star Poultry and Live Stock Remedies and Poultry Foods

FOR POULTRY

Star-Egg-O is highly recommended for Laying Fowls and Growing Chickens. 1 lb. pkg., 25 cts. (by mail, 30 cts.); 2½ lb. pkg., 50 cts. (by mail, 60 cts.); 6 lb. pkg. \$1.00 (by mail, \$1.20); 10 lb. pail, \$1.50; 20 lb. pail, \$2.45. Pails by parcels post or express extra.

Star-Chic-A is a specially prepared Star Baby Chick Food, which will start the youngsters in great shape. 1 lb. pkg., 10 cts. (by mail, 15 cts.); 5 lb. pkg., 40 cts. (by mail, 60 cts.).

Stareola is the Star Disinfectant and Deodorant. ½ pint, 25 cts. (by mail, 30 cts.); 1 pint, 35 cts. (by mail, 40 cts.); 1 quart, 60 cts. (by mail, 70 cts.); ½ gal., 90 cts. (by mail, \$1.05); 1 gal., \$1.50 (by mail, \$1.65).

The **Star Roup Powder** is a preventive and cure for Roup, Colds and Canker in poultry and pigeons. 25 cts. package postpaid; 50 cts. package, by mail, 55 cts.

The **Blue Star Powder** is for fowl cholera, and is a preventive cure for this fatal disease. 25 cts. package postpaid; 50 cts. package, by mail 55 cts.

The **Star Gape Powder** is the remedy for the Gapes of the chick. 25 cts. package postpaid; 50 cts. package, by mail 55 cts.

The **Star White Diarrhea Tablet** is for the White Diarrhea in Chicks. 25 cts. package postpaid.

The **Star Blackhead Powder** will prove a boon to the turkey raiser and by its use and proper care the turkey business should be successful. 25 cts. package postpaid; 50 cts. package, by mail 55 cts.

The **Star Sealy Leg Ointment** will cure the Sealy Leg. 25 cts. package, by mail 30 cts.

The **Star Lice Powder** is essential to the poultry raiser. 10 cts. package, by mail 15 cts.; 25 cts. package, by mail 35 cts.

The **Star Lice Ointment** is a convenient, safe and sure way of ridding fowls and chicks of head lice. 25 cts. package, by mail 30 cts.

The **Star Chicken Pox Treatment** will cure the Pox, Sore Head and Warts on all kinds of poultry. 25 cts. package, by mail 30 cts.; 50 cts. package, by mail 55c.

Star - Calf - A

The Perfect Baby Calf Food—A Scientific, Well-Balanced Ration for Producing Growth in Young Calves.

Star-Calf-A is a scientifically prepared Meal for young Calves, that contains only those ingredients capable of producing growth whether fed alone or in conjunction with other foods. The former substance is important because it serves as fuel for the body and supplies nitrogenous tissue-building material. **Star-Calf-A** is a body builder for the Baby Calf, and it cannot be too highly recommended to breeders as a whole or partial food for their calves. The profit comes from feeding **Star-Calf-A** with skimmed milk, and there is no wisdom when feeding calves whole milk containing 30 per cent butter fat, when you can raise just as good or better calves with **Star-Calf-A** and skimmed milk. 25-lb. bag, \$1.25; 50-lb. bag, \$2.35; 100-lb. bag, \$4.50. Express or freight extra.



Conkey's Chicken Remedies

We who have been raised in the country have always had trouble with chickens and chicks. We had

a few simple mixtures that we gave to sick chickens, but the number we lost was very great and discouraging. Now, poultry raising has become as much a science, and the study of the chicken and its ailments has become as much a study as any other branch of medicine. We recommend the following remedies as simple and effective:

Conkey's Healing Salve.....	30c
Conkey's Lice.....	
Pd'r.....	30c & 60c
Conkey's Limber Neck Remedy.....	60c
Conkey's Roup Remedy.....	30c and 60c
Conkey's Gape Cure.....	30c and 60c
Conkey's Lice Killer.....	1 qt., 60c
Conkey's Lice Killer.....	2 qts., 90c
Conkey's Lice Liquid.....	gal., \$1.50
Conkey's Poultry Tonic.....	30c and 60c
Conkey's Laying Tonic.....	30c
Conkey's Cholera Cure.....	30c and 60c
Conkey's Chicken-Pox Remedy.....	50c
Conkey's Sealy Leg Remedy.....	50c



Pratt's Horse and Cattle Remedies

Animal Regulator.....	30c and 60c
Horse and Cattle Condition Powder.....	30c and 60c
Healing Ointment.....	box, 25c and 50c
Healing Powder.....	box, 25c



Pratt's Food and Remedies

Poultry Regulator.....	15c, 30c, 60c
Poultry Regulator.....	12-lb. bkt., \$1.75
Powdered Lice Killer.....	30c and 60c
Head Lice Ointment.....	10c and 25c
Liquid Lice Killer.....	qt. 50c; ½ gal. 85c
	gallon, \$1.50
Baby Chick.....	30c and 60c





Bolgiano's Chicken Feed

Good Luck Scratch Feed

STANDARD HEN FOOD

For every day in the year. Made from a variety of sound, sweet grains and seeds (including wheat, corn, barley, kafir, milo maize, sunflower seeds, etc.), properly balanced to keep hens in perfect physical and laying condition. Thoroughly cleaned so that there is no waste, no burnt or smutty grain, NO GRIT OR SHELLS. Write for prices.



Good Luck Baby Chick Feed

SAVES LITTLE CHICKS

Composed of choice grains and seeds—carefully selected—perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff. This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as digestive results. Avoid feeding meal or mash foods or table scraps to young chickens. In using Bolgiano's Baby Chick Feed according to directions, you will never lose a chick from feeding cause. NO GRIT. Write for prices.



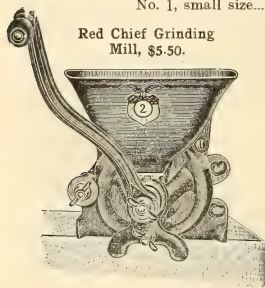
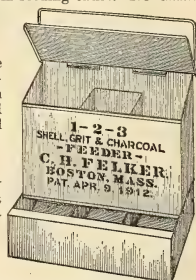
Cracked Bone For Poultry

This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. No chemicals whatever are applied to them in the course of manufacture. Should be fed to the poultry daily, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities. Especially valuable for young and growing chicks. 5 bs., 25 cts.; 10 lbs., 50 cts.; 100-lb. sack, \$4.25.

1-2-3 Poultry Feeder

1-2-3 Feeder is used for dry mash, scraps, shells, grit, charcoal or any poultry feed. When used for one kind of feed only, take out separator; two kinds, put separator in one end. When used for three kinds—say scraps, shells and grit—put separator in middle and you have three separate feeders.

No. 1, small size.....90 cts. No. 2, large size.....\$1.25



Red Chief Grinding Mill, \$5.50.

Alfalfa Meal

This is a green feed all the year round. Everyone knows that alfalfa is fast supplanting clover. It is very high in protein, and furnishes the chicks a growing food which, at the same time, has a medicinal value. Its value as a helpful egg food is unquestioned. 5 lbs., 25 cts.; 50 lbs., \$1.25; per 100-lb. sack, \$3.00.

Short Cut Alfalfa Clover

No mash is complete without it. Aside from food value, it has high medicinal properties. 95 per cent pure clover. 5 lbs., 20 cts.; 10 bs., 35 cts.; 100 lbs., \$3.00.

Charcoal

Aids digestion and promotes health of chicks to a wonderful extent. No poultryman can afford to be without it. Specially prepared and guaranteed pure. Grade "3X," medium chick size, and grade "4X," coarse granulated. 2 lbs., 15 cts.; 5 lbs., 25 cts.; 10 lbs., 50 cts.; 50 lbs., \$2.00.

Good Luck Meat Meal

Our sales amount to something over 50 tons per year. Why is this? We contend that we give more real value in our Meat Meal than any other firm. It makes chickens lay—it keeps them active and healthy. 1 lb., 10 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

Mica Spar Crystal Grit

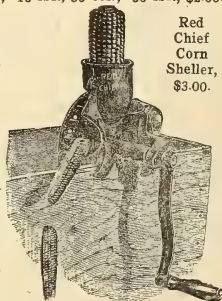
One of the sharpest and hardest grits known. 10 lbs., 15 cts.; 100 lbs., \$1.00.

Poultry Mash Feed

A combination of ground grain, alfalfa meal, meat meal and everything necessary for producing a large egg yield. Mix with hot water and it is ready to serve. 10 lbs., 50 cts.; 100 lbs., \$4.25.

Crushed Oyster Shells

Important as an eggshell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks, No. 2 for adults. 10 lbs., 15 cts.; 100 lbs., 95 cts.



Red Chief Corn Sheller, \$3.00.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Steel Wire Fencing Hog and Cattle Steel Wire Fencing

726—26 in. High Hog Fence, 7 bars..... 55c per rod
832—32 in. High Hog Fence, 8 bars..... 65c per rod
845—45 in. High Cattle Fence, 8 bars..... 55c per rod
Special prices on quantity.

American Steel Poultry Fence

2158—38 inches high..... 85c per rod
2053—53 inches high..... 80c per rod
1948—48 inches high..... 75c per rod

Square Mesh Poultry Fence

12 in. high, 2 in. mesh..... \$1.50 per roll
18 in. high, 2 in. mesh..... 2.20 per roll
24 in. high, 2 in. mesh..... 2.75 per roll
36 in. high, 2 in. mesh..... 3.85 per roll
48 in. high, 2 in. mesh..... 5.15 per roll
60 in. high, 2 in. mesh..... 6.40 per roll
72 in. high, 2 in. mesh..... 7.75 per roll

Hog and Cattle Barb Wire at Lowest Market Prices

U. S. Poultry Fence

Built on miniature scale of farm fence interwoven with parallel wires and hinge joints so it stretches to posts straight, even and nice without buckling, bagging or sagging. It's so stiff and satisfactory it does not require top rail and base board or so many posts as old-style netting. Guaranteed 5 to 6 times as strong and at least 100 per cent better in every way. All parallel wires are of even length and all mesh of uniform size. Can't be otherwise the way it's made.

2 ft., 2 in. mesh..... \$2.75
3 ft., 2 in. mesh..... 3.85
4 ft., 2 in. mesh..... 5.15
5 ft., 2 in. mesh..... 6.40

Norcross Weeder

This tool, introduced about four years ago, has more than made good in every respect. It can so easily be changed from a 5-tooth to a 3-tooth weeder or cultivator for hand use. Price, 75 cts. and \$1.00.

"Black Leaf 40"

Nicotine Sulphate—40% Nicotine.

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

It may be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You cannot go wrong by ordering "Black Leaf 40" for sucking insects.

Prices:

1 oz., \$0.25— 5 gallons spray.
½ lb., 0.75— 40 to 120 gallons.
2 lb., 2.50—160 to 500 gallons.
10 lb., 10.75—800 to 2500 gallons.

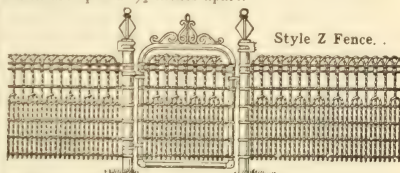


DISTANCE BETWEEN BARS—INCHES		21 BARS	58 INCHES HIGH
5		20 BARS	53 INCHES HIGH
5		19 BARS	48 INCHES HIGH
4½		18 BARS	43 INCHES HIGH
4½			
4		16 BARS	35 INCHES HIGH
4			
3½			
3½		13 BARS	24 INCHES HIGH
3			
2½			
2½			
2			
2			
2			
2			

Fancy Lawn Fence

The fabric illustrated herewith is superior to any Lawn Fence on the market. The upright wires are corrugated their entire length instead of at intervals. Close enough at bottom to turn the smallest chicks.

The uprights are of No. 9 heavy galvanized wire, spaced 27½ inches apart, with an extra upright of No. 9 interwoven at the bottom, giving a spacing of 13½ inches. The cables are of heavily galvanized wire spaced 6 inches apart, except the two top cables, which are spaced ½ inches apart.



	Style X.	Style Z.
12 in. high.....	7½c ft.	.....
16 in. high.....	8c ft.	.....
22 in. high.....	8½c ft.	.....
36 in. high.....	12½c ft.	15½c ft.
42 in. high.....	13c ft.	17½c ft.

LAWN GATES

3 ft. by 36 in., fancy.....	\$3.00
3 ft. by 42 in., fancy.....	3.25
3 ft. by 58 in., plain.....	4.00
3 ft. by 58 in., fancy.....	4.25
12 ft. by 48 in., drive gate plain.....	7.00
12 ft. by 50 in., drive gate plain.....	7.25
12 ft. by 54 in., drive gate plain.....	7.50



Cahoon Seed Sower

For sowing Clover, Timothy, Millet, Oats, Wheat, Rye, Buckwheat, etc. Standard seeder of the world. A model for accuracy and durability. Malleable iron frame. Steel hopper and gate. Brass discharger. Price, \$4.00.

Fuller & Johnson Pumping Engine

No Well Too Deep For This Farm Pump Engine—Cannot Freeze or Overheat—
No Hours Too Long For It to Work.

At last we have found a pump engine that serves all the needs of the farmer and does it in the best possible manner. We investigated a score or more different makes and designs of portable engines to find the one best suited for our customers. We selected the Fuller & Johnson Farm Pump Engines. It is the most wonderful portable engine made.

400 to 1500 Gallons Per Hour.

Think of it! All the fresh water you want at any time or any place. Works in any well, regardless of depth. This farm pump engine completely solves the perplexing problem of Water Supply for the farm in winter as well as summer. Pumps all the water needed for the house, dairy, barn, feed lot and pasture in a few hours. Costs less to operate than a tank heater and eliminates all bother and trouble.

Handiest Little Worker on the Farm.

Ensuring a reliable water supply for the farm is but one of the ways the Farm Pump Engine proves its superiority. It has pulley for running any kind of hand or foot power machinery. It helps the women folks in the dairy and laundry. Runs the grindstone, feed mill, fanning mill, etc., for the men. Does the work of two extra hired men.

See the Little Wonder at Work.

You have read all about this engine in your Farm Papers, but you cannot fully realize what a wonderful little worker it is until you see it in action. We show it at our exhibition rooms, doing exactly the kind of work you would expect it to do on your farm. Bring in the whole family and look it over. It is worth a special trip to town. Be sure and come in.

De Laval Cream Separators

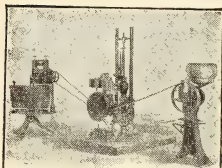
Over 1,600,000 De Laval Separators now in use. See and try a De Laval before buying a Separator.

Any Separator that wastes cream is expensive. A De Laval will not.

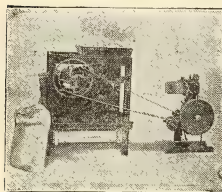
Prices of Cream Separators:

No. 4—Without Stand.....	\$52.50
No. 4—With Iron Stand.....	57.50
No. 5—With Iron Stand.....	67.50
No. 10—With Iron Stand.....	85.00
No. 12—With Iron Stand.....	95.00
No. 15—With Iron Stand.....	112.50
No. 17—With Iron Stand.....	130.00
No. 19—With Iron Stand.....	145.00
No. 20—With Iron Stand.....	162.50
No. 22—With Iron Stand.....	190.00
No. 25—With Iron Stand.....	225.00

Fuller & Johnson
Pumping Engine.
Price, \$85.00.



Driving Cream Separator and
Washing Machine.



Driving the Fanning Mill.



Driving a Grindstone.



Fuller & Johnson Model "N" Gasoline Engines

Special Features in Larger Engines.

1. The simplest and most perfect System of Hopper Cooling.
2. Frost Proof.
3. Large straight-sided Hopper. Cylinder completely immersed in water as in our Double Efficiency line. No narrow water jacket spaces to clog up or freeze or break.

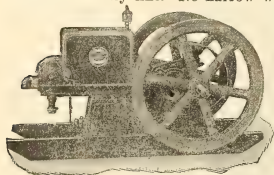
1½ H. P.....	\$ 65.00	5 H. P.....	\$165.00
3 H. P.....	105.00	7 H. P.....	235.00

Manila, Sisal and Cotton Rope

Always on hand, the best Manila, Sisal and Cotton Rope, in coils or by the piece, at prices consistent with quality. Prices on application.

Automobile Oil, 75c per gal. Gas Engine Oil, 75c per gal.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Fertilizers

For the Farm, Lawn and Garden

During the entire history of the world there never was a time that food production was as essential as it is today. The world is on the verge of starvation. It is said that more than 1,000,000 people will die of starvation during the next twelve months—because there is not food enough to supply them. Now, increased production is necessary, and increased production can be accomplished only by planting and fertilizing. You must do your best. **GOOD FERTILIZERS ARE ABSOLUTELY ESSENTIAL.**

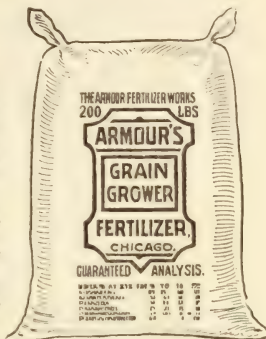
Ten Per Cent Trucker has given our trade the greatest satisfaction. It is principally used for very early crops, and has more than paid for itself in the advanced prices received for early vegetables. As a tobacco bed fertilizer it is excellent. Analysis: 10 per cent. Ammonia, 5 per cent Phosphoric Acid, 2 per cent Potash.

Seven Per Cent Trucker is all right, because every user says so, and one of the best evidences aside from this is that our sales show increase year by year. We recommend this Fertilizer to all who look forward to early and good crops. Analysis: 7 per cent Ammonia, 6 per cent Phosphoric Acid, 2 per cent Potash.

General 2-8-2. A Fertilizer for general uses, that's what its name implies. The demand has been large for just such a Fertilizer. We recommend this grade for most crops. Analysis: 2 per cent Ammonia, 8 per cent Phosphoric Acid, 2 per cent Potash.

Pure Raw Bone Meal. At the outset we say the bone you should buy and use is Armour's, because it is pure, finely ground and of first quality. There is no bone on the market today that will compare with it; and if you will give it a trial on your land, we confidently believe you will agree in what we say. Analysis: 4 to 5 per cent Ammonia, 24 per cent Phosphoric Acid, 48 per cent Bone Phosphate.

Fish and Bone. Last year we sold great quantities of these goods. They gave much satisfaction to our trade. Analysis: 2 per cent Ammonia, 10 per cent Phosphoric Acid.



Fine Ground Dried Fish. This Fertilizing material is largely used in mixing Fertilizers. It contains a large percentage of Ammonia, and is quick in action.

Fine Ground Dried Tankage. Is used largely as a base in all Animal Fertilizers, and gives quick and fine results. Contains large percentage of Ammonia and Phosphoric Acid.

Ammoniated Bone. This is used largely by the best Truckers for general crops. Analysis: 2 per cent Ammonia, 9 per cent Phosphoric Acid, 2 per cent Potash.

Alphano-Humus. Prepared humus or vegetable mould is a great soil regenerator and plant food. Rich in nitrogen, moisture retaining and odorless. Absolutely free from weed seeds. The very best material for top dressing lawns, and for indoor use in conservatories and in flower boxes and pots. Prices on application.

Fertilizing Chemicals

A great many first-class Gardeners and Farmers deal on their grounds and in building up their soils. feature of our business, and are prepared to furnish

Nitrate of Soda. For very early vegetables, and giving an early start to grass or grain, there is nothing equal to it.

South Carolina Rock is used for Phosphoric Acid that it contains, and is valuable in mixing with other goods.

Bon Arbor Fertilizer—Soluble Plant Life. Nitrogen, 16 to 18 per cent; Phosphoric Acid, 6 to 7 per cent; Potash, 4 to 5 per cent. For house garden and greenhouse plants it has no equal as a stimulant and plant starter. Price,

½ lb., 25 cts.; lb., 35 cts.; 5 lbs., \$1.50; 100 lbs., \$25.

NITRO-FERTILE

The Liquid Fertilizer.

Free from weed seeds, odorless, quick in action, easy

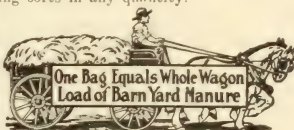
to apply; for house plants, lawns, shrubs, flower and vegetable gardens. Contains 2 per cent Nitrogen, 3 per cent Phosphoric Acid and 3 per cent

Potash. One quart mixed with water fertilizes 1500 square feet. One gallon is enough for the average lawn and garden for an entire season. Price, ½ pint, 35 cts.; 1 pint, 60 cts.; quart, \$1.00; gallon, \$3.00.

Hydrate Lime Price 50-lb. bag, 75 cts.

have come to see the advantage of the use of chemi-

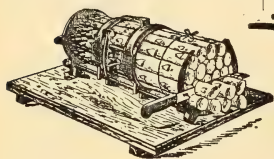
We have for a number of years made this a special any of the leading sorts in any quantity.



Give Your Soil What It Needs to Make Things Grow.

Use a Fertilizer that combines natural humus and organic matter with natural plant food. One that actually makes available and useful a great amount of fertility lying dormant and inactive in the soil.

Wizard Brand Pulverized Sheep Manure and Shredded Cattle Manure is a particularly efficient material for making up the compost supply. It is used in this way by many florists who have limited space and who cannot mix their compost in the old way. It acts quickly, has a better effect on the soil, and is much more easily handled. Wizard Brand is just this kind of a fertilizer. It's all natural plant food and humus that makes better soil and better crops. No matter what you grow—fruit, vegetables and grains, or just flowers and grass about the home—Wizard Brand Sheep Manure "Makes Nature Hustle," and builds up your soil at the same time. Price, 15 lbs., 50 cts.; 30 lbs., \$1.00; 100 lbs., \$2.50; 1 ton, \$45.00.



Asparagus Buncher.
Price, \$2.50.



Steel Hoes.

Sizes 6, 6½, 7, 7½, 8.

Solid shank .....	.70
Solid socket .....	.75
Malleable iron socket, steel blade.....	.70
Planters' Hoe, heavy handle, suitable for stiff ground.....	.85



Iron and Steel Garden Rakes.

12-tooth, Malleable Iron Bent Tooth .....	.45
14-tooth, Malleable Iron Bent Tooth .....	.50
14-tooth, Steel Rake.....	.90
16-tooth, Steel Bow.....	1.15
16-tooth, Steel Electric.....	.75



Shovels, Long Handles.

Jackson, Round Point.....	\$1.50 to \$1.85
Ames, Round Point.....	1.90 to 2.10
Ames, Square Point.....	1.90 to 2.10

Sneaths.

Patent.....	\$1.15
2 Rings.....	\$1.20

Scythe Stones.

Darby Creek .....	.20
English Round .....	.25
Tolacre .....	.30



Norcross Cultivator.
Price, \$1.00.



Transplanting Trowels.
Gardener's Transplanting Trowels.

Strong, Ladies' .....	.25
Malleable Shank .....	.35
Forged Steel .....	.50
Heavy Forged .....	.75



No. 1. Buch's large size.....	\$6.00
3. Medium size	4.50
4. Small size	4.00
6. Wooden Tray, Steel Wheel.....	3.25
2. Syracuse Barrow	8.00
75a. Syracuse Cold Steel.....	9.00

Brush Axes.

All guaranteed.

Beatty	\$1.25
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Push Carts.

No. 0. Lansing	\$13.50
1. Lansing	11.50
2. Lansing	10.00
132. Merrimac	9.00

Spades.

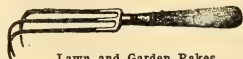
Marvel, "D" Handle.....	\$1.25
Ames, "D" Handle.....	2.00

Spades, Long Handle.

Ames	\$2.00
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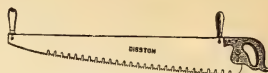
Spading Forks.

Continental, "D" Handle.....	\$1.25
Herkimer, "D" Handle.....	1.50



Lawn and Garden Rakes.

Pull Easy Hand.....	.50
Pull Easy, with long handle.....	1.50
Norcross Hand Weeder.....	.75
Garden Mattock	1.00
The Pull Easy tool is adjustable to any width, and can be used as a Hoe or Rake. Easy to adjust.	



3½ ft. 1 Man's X-Cut Saw.....	\$1.25
4 ft. 1 Man's X-Cut Saw.....	3.75
4½ ft. 2 Man X-Cut Saw.....	2.50
5 ft. 2 Man X-Cut Saw.....	3.00
5½ ft. 2 Man X-Cut Saw.....	3.25
6 ft. 2 Man X-Cut Saw.....	3.50



Scythes.

Waldron, 36 and 38 in.....	\$2.35 to \$2.50
Kelley's Grass, 28 in.....	1.35
Kelley's Bush, 28 in.....	1.50

Sickles.

Clark's Solid Back No. 2.....	.60
Clark's Solid Back No. 3.....	.75

Pruning Shears.

Wood Handle, Steel Plate.....	\$1.25
Malleable Handle, Steel Plate.....	.85
8 ft. Water's Tree Pruners.....	1.25
10 ft. Water's Tree Pruners.....	1.35
12 ft. Water's Tree Pruners.....	1.50



Mattocks, Heavy Steel.

Steel 4 in. Long Cutter.....	\$1.00
Steel 3 in. Contractors.....	1.25
Handles extra .....	.50



Dibbles.

Bent Wood Handles, Steel Points.....	\$0.50
Sawed Wood Handles, Steel Points.....	.35
All Iron Handles, Steel Points.....	.60



Hazeltine Weeders \$0.35



Brass Sprayer—continuous spray—
45 to 50 cts.



Steel Plow and Wagon Double Trees.

No. 2. Farm Wagon	\$5.50
3. Dumping Wagon	6.50

Plow Sets.

No. 1. Plow Set, complete.....	\$3.75
2. Plow Set, complete.....	4.50
3. Plow Set, complete.....	5.75
U Bar Steel Set, complete.....	3.00

F. W. BOLGIANO & COMPANY'S

It Never Fails to Give Satisfaction.

Pkt. 10 cts.; Lbs. 30 cts.; 25 Lbs. \$6.00.

Capitol Park Lawn Grass

Shady Nook Lawn Grass



The Grass That Will Grow in Shady Places

More than 20 years of unremitting toil has been rewarded with success in the SHADY NOOK LAWN GRASS SEED. Not until the Spring of 1905 did we succeed in accomplishing that for which we set out. Time and again we thought we had, but only to

realize that failure was our portion. The SHADY SIDE of the STREET and under the OLD OAK TREE; in fact, everywhere that the sun does not strike more than a few minutes each day—those are the places that we want to make pretty for you.

Directions For Seeding a Lawn.

Grass is Nature's Carpet, and when a lawn is composed of suitable grasses, compactly covering the entire surface, it becomes a surpassing pleasure and ornamentation. The eye never tires of the delicate evergreen so restful to the sight. Lawns should be sown with blended grasses, which will hold their green through the hot, dry summer, and not lose color during the "freezes" of winter. A first-class lawn will continue indefinitely its beautiful, velvet surface, and can be kept in perennial freshness by an annual top-dressing of pure raw bone. A level surface is preferred for lawns to avoid washes at the time of severe freshets, but a gentle incline may be desirable and is certainly beautiful. Springtime and autumn are the favorite seasons for making lawns, but any time from early spring to fall will do, unless a severe, protracted drought prevails. Spade deeply, make the ground fine, smooth, and mellow; then rake the soil and sow the seed. If a rain occurs, simultaneously

with the seed sowing, it will cover the seed enough; but if dry, the soil should be pressed with the back of a spade or rolled with a light roller. A suitable fertilizer should be incorporated with the soil when the lawn is being prepared, and bone is preferred because its fertilizing quality is gradually imparted to the soil, and its effect is lasting. A top-dresser at any time imparts new thrift to the sod. Be careful to sow the seed regularly and evenly over the entire surface, otherwise bare spaces will disfigure the lawn; but when this happens rake over the bare places and sow seed there. Be liberal in the use of seed when making a lawn, for if done rightly, a young, healthy, beautiful, velvet green sod will soon delight the eye and reward all labor and expense.

One pound of Bolgiano & Co.'s Reclaimed Lawn Grass Seed will go as far as 4 quarts of grass seed sold by the measure. Add 7 cts. per pound on lawn grass seed if to go by mail.

Capitol Park Lawn Grass Seed.

This grass seed has helped make Washington the beautiful city that it is. Planted in front of the New

District Building, our seed produced a lawn in twenty-eight days from day of planting the seed.

Have you ordered all the seed required? Perhaps if you take another careful look through the Catalog you may find something you have overlooked. Time is money as applied to all garden and farm operations.

From.....
.....
.....

F. W. BOLGIANO & Co. Inc.,
1009 B Street, N. W.
Washington, D. C.

Capital City Seeds

F. W. BOLGIANO & CO. 1009 B St. Northwest Washington, D. C.

Date _____ Forward by (State whether wanted by)
 _____ (Mail Express or Freight) _____

Name (Please prefix Mrs. or Miss) -----

Street, P. O. Box or
Rural Delivery -----

Post Office _____

Express Office (if different) _____

County _____ State _____

Amount Enclosed State whether P. O. Order,
Express Money Order, Draft,
Postage Stamps or Cash \$ -----

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, and the money that has been paid for same will be returned.

F. W. BOLGIANO & CO.

REMITTANCES are always safe when sent by Registered Letter, Post Office Money Order, or Express Money Order, Personal Check, or Bank Draft. Small amounts can be sent in postage stamps, folding same in brown wrapping paper to prevent sticking.

SEEDS AND BULBS BY EXPRESS to all points at a rate of 20 per cent less than usual rates. Freight rates are very low, owing to our central location.

Quantity Wanted

ARTICLES WANTED

PRICE

Amount forward ✓

Quantity Wanted

ARTICLES WANTED

PRICE

Special Notice :

We shall esteem it a great favor if you will give us in this space below the NAMES and ADDRESSES of any Market Gardeners or Truck Farmers among your acquaintances. We wish to send them our MANUAL :-:

NAMES

POST OFFICE

STATE

DOES YOUR ROOF LEAK?

Security Plastic Cement *Adhesive--Elastic* *Waterproof*

Meets all present day requirements for either general, emergency, or permanent repair work upon metal, stone, concrete, shingle and felt roofing. It will adhere to any type of surface in wet or dry weather.

Security Plastic Cement will not run in the hottest weather, it will not split and crack, even on the coldest of days, and will last as long as the surface to which it is applied.

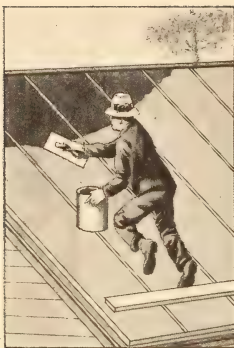
While covering such a wide range of usefulness as a mending or repair material, *Security Cement* is of still greater value as an entire roof covering.

Security Cement troweled on an old roof surface one eighth of an inch thick will produce a surface that is lasting, weatherproof and free from excessive and constant maintenance expenses. The spreading capacity of *Security Plastic Cement* is approximately 50 pounds per hundred square feet.

Manufactured expressly for and sold by

F. W. BOLGIANO & CO., Inc.

1009 B Street Northwest WASHINGTON, D. C.



Security Cement Used For Resurfacing Metal Roofs

These Illustrations

show just a few of the many uses to which

Security Plastic Cement

can be applied.

For Patching and Bonding

Security Cement is compounded for repairing and patching leaks in shingles and other wood surfaces, in slate, tin, iron, steel, paper, canvas and ready roofing.

For sealing leaks and rust spots in Gutters, Valleys, Spoutings, Flashings, Hips, Skylights, etc.

For flashings around Chimneys, Vent Pipes, Smoke-Stacks, Exhaust Heads, and all other kinds of leakage on your roofs.

For joining and setting broken glass in Greenhouses, Vaults, Skylights, in which service it is far superior to either putty or solder.

For sealing and water-proofing cracks and Cement, Concrete, Brick, or Stone Walks or Driveways, Cracks in Foundations, Cellar Bottoms, etc.

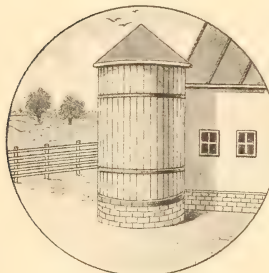
Security Cement is applied to all such repairs on the point of a trowel or flat knife. Any surface patched with Security can be readily painted if desired.

Price List

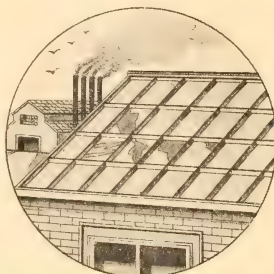
3 lb. cans.....	14c per lb.
5 lb. cans.....	13c per lb.
10 lb. cans.....	12c per lb.
25 lb. cans.....	10c per lb.
75 lb. tubs.....	9c per lb.
½ bbls. (approx. 360 lbs.),	6½c per lb.
Bbls. (approx. 650 lbs.),	6½c per lb.



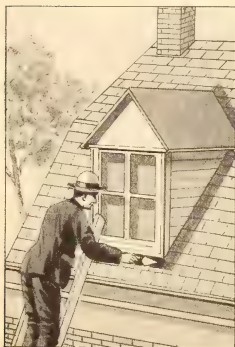
Security Cement Used For Resurfacing Old Felt Roofs



For Leaks in Tanks and Silos



For Joining and Setting Broken or New Glass in Skylights and Hot-houses



Security Cement Repairing Rusty Flashings and Relining Worn-Out Gutters



Security Cement Used For Pointing-up Chimneys

Post Office Department

THIRD ASSISTANT POSTMASTER GENERAL

DIVISION OF MONEY ORDERS

No. _____

Stamp of Issuing Office

The Postmaster
will insert

DOLLARS

CENTS

The Office drawn on, when the office named by the issuer in the body of this application is not a Money Order Office.

Spaces above this line are for the Postmaster's record, to be filled in by him.

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,
by another person for him

Amount

_____ Dollars _____ Cents

Pay to
Order of**F. W. BOLGIANO & CO.,**

(Name of person or firm for whom order is intended)

Where
AddressNo. **1009 B - Street N. W.** StreetPost
Office**Washington,**

State

D. C.

Sent by

(Name of Sender)

Address
sender

No. _____ Street

PURCHASER MUST SEND ORDER AND COUPON TO PAYER

When sending us a Money Order, please make this application to your Postmaster and procure a Registered Mail.

Fees for Money Orders drawn on Domestic Form

Payable in the United States (which includes Guam, Hawaii, Porto Rico and Tutuila, Samoa); or payable in Bermuda, British Guiana, British Honduras, Canada, Canal Zone (Isthmus of Panama), Cuba, Newfoundland, at the United States Postal Agency at Shanghai (China), in the Philippine Islands, or the following islands in the West Indies: Antigua, Bahamas, Barbados, Dominica, Grenada, Jamaica, Martinique, Montserrat, Nevis, St. Kitts, St. Lucia, St. Vincent, Trinidad and Tobago, and Virgin Islands.

For Orders From \$ 0.01 to \$ 2.50	..... 3 cents.
From \$ 2.51 to \$ 5.00	..... 5 cents.
From \$ 5.01 to \$ 10.00	..... 8 cents.
From \$10.01 to \$ 20.00	.....10 cents.
From \$20.01 to \$ 30.00	.....12 cents.
From \$30.01 to \$ 40.00	.....15 cents.
From \$40.01 to \$ 50.00	.....18 cents.
From \$50.01 to \$ 60.00	.....20 cents.
From \$60.01 to \$ 75.00	.....25 cents.
From \$75.01 to \$100.00	.....30 cents.

Memoranda of Issuing Postmaster:

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

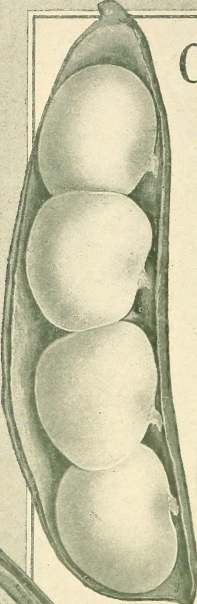
(EDITION Feb., 1915.)

CAPITOL CITY SEEDS


F.W. BOLGIANO & CO.

SEED GROWERS

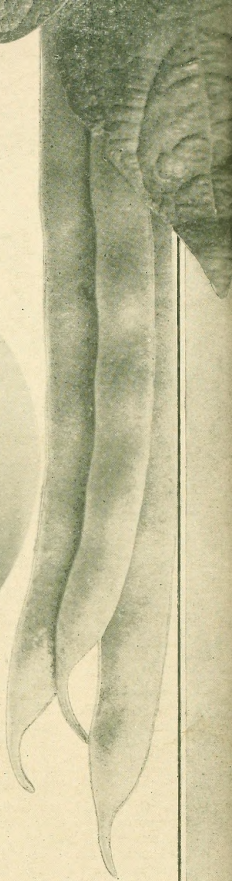
WASHINGTON, D.C.



FORDHOOK
BUSH LIMA
BEAN



BOLGIANO'S
BLIGHT PROOF
TOMATO



BURPEE'S
STRINGLESS GREEN POD
BUSH BEAN



CROSBY'S
EGYPTIAN BEET